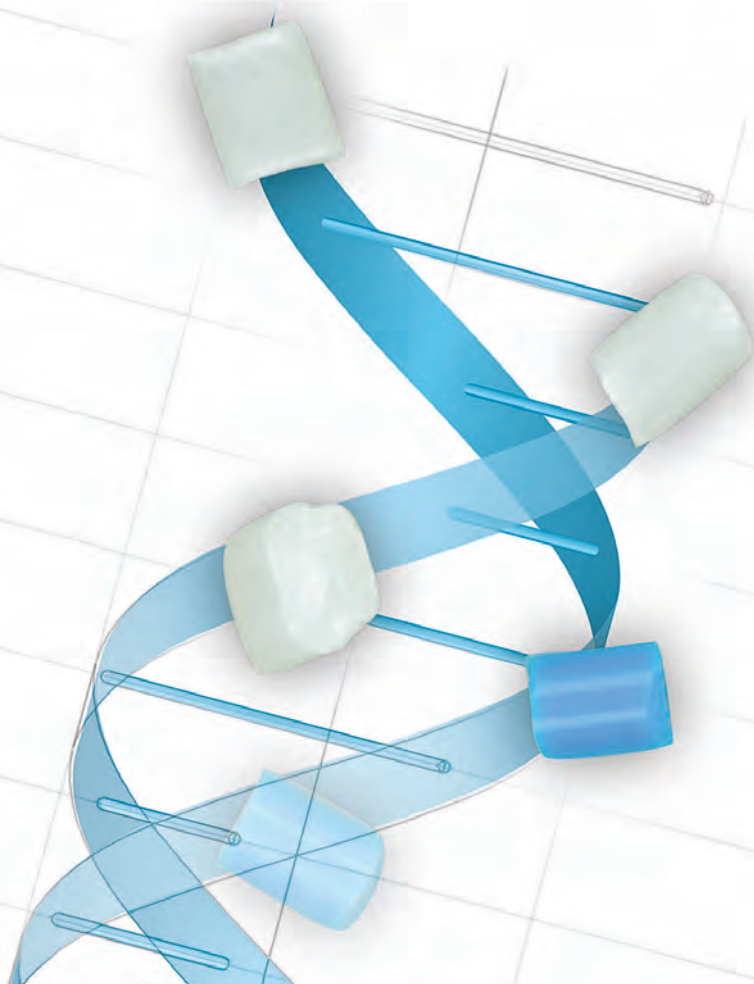


HERAFORM®  
acetal  
copolymer





HERAFORM® acetal copolymer



### Properties

#### Rheological

	ISO Standard	Test condition	Unit	HERAFORM® R 350	HERAFORM® R 900	HERAFORM® R 1300	HERAFORM® R 3000
MELT FLOW RATE	1133	190°C 2.16 kg	ml/10 min	2.2	8	12	24
TOTAL SHRINKAGE (3mm wall thickness)		1000 bar/90°C	%	2.2	1.8	1.8	1.8

#### Mechanical

YIELD STRESS	527	23°C	MPa	62	64	65	65
ELONGATION AT BREAK	527	23°C	%	32	30	20	17
TENSILE MODULUS	527	23°C	MPa	2600	2850	2900	2900
FLEXURAL MODULUS	178	23°C	MPa	2500	2700	2800	2800
CHARPY NOTCHED IMPACT STRENGTH	179/1eA	23°C	kJ/m <sup>2</sup>	8.5	6.5	6.5	6

#### Thermal

HEAT DEFLECTION TEMPERATURE	75	1.8 MPa	C°	101	104	106	106
MELTING TEMPERATURE	3146	DSC	C°	165	166	166	163
VICAT SOFTENING TEMPERATURE	306	50 N	C°	151	150	151	151

#### Physical

FLAMMABILITY	UL 94	1 mm		HB	HB	HB	HB
DENSITY	1183	23°C	g/cm <sup>3</sup>	1.41	1.41	1.41	1.41
WATER ABSORPTION	62	23°C	%	0.65	0.65	0.65	0.65

### Product

### Description

**Heraform® R 350** Standard grade for injection moulding of thick wall part, stiff-flowing, extrusion grade for tubes and sheets.

**Heraform® R 900** Standard grade for injection moulding of details with high mechanical requirement.

**Heraform® R 1300** Easy flowing grade for injection moulding of thin-walled parts with high mechanical properties.

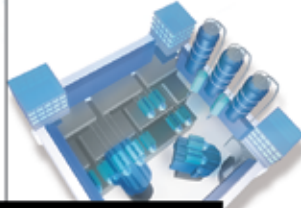
**Heraform® R 3000** Very easy flowing grade for injection moulding of thin-walled parts or in case of long flow path.



The above-mentioned technical data is purely indicative and is given without any guarantee. It is not to be considered as a specification. Any modification/additivition of the material after supply can cause variation on the values or the technical characteristics. The values are calculated on injection moulded samples.

**RADICI NOVACIPS SpA**  
Via Bedeschi, 20 – 24040 Chignolo d'Isola (BG) – I  
Tel. +39 035 4991311 – Fax +39 035 994386  
e-mail: [italia.plastics@radicigroup.com](mailto:italia.plastics@radicigroup.com)

**RADICI NOVACIPS SpA**  
Via Provinciale, 1331 – 24020 Villa d'Ogna (BG) – I  
Tel. +39 0346 22453 – Fax +39 0346 23730  
e-mail: [italia.plastics@radicigroup.com](mailto:italia.plastics@radicigroup.com)



**RADICI PLASTICS**



**RADICI PLASTICS GmbH**  
Glockengiesserwall 2 – 20095 Hamburg – D  
Tel. +49 40 3095410 – Fax +49 40 30954199  
e-mail: [deutschland.plastics@radicigroup.com](mailto:deutschland.plastics@radicigroup.com)  
**Production:**  
Elso-Klöver-Strasse, 10 – Industriegebiet Hafen  
21337 Lüneburg – D

**RADICI PLASTICS IBERICA SL**  
Avda. Josep Tarradellas, 130 5ª 1ª  
08029 Barcelona – ES  
Tel. +34 93 5416500 – Fax +34 93 4943326  
e-mail: [iberica.plastics@radicigroup.com](mailto:iberica.plastics@radicigroup.com)

**RADICI PLASTICS UK Ltd.**  
High Hill House, 6A Hampstead High Street  
London NW3 1PR – UK  
Tel. +44 20 74314554 – Fax +44 20 74314544  
e-mail: [uk.plastics@radicigroup.com](mailto:uk.plastics@radicigroup.com)

**RADICI PLASTICS FRANCE SA**  
65, Rue du Dauphiné – 69800 St. Priest – F  
Tel. +33 4 72782090 – Fax +33 4 72782089  
e-mail: [france.plastics@radicigroup.com](mailto:france.plastics@radicigroup.com)

**RADICI PLASTICS B.V.**  
Verloren Van Themaatweg 9 – 6121RG, Born – NL  
Tel. +49 40 3095410 – Fax +49 40 30954199  
e-mail: [deutschland.plastics@radicigroup.com](mailto:deutschland.plastics@radicigroup.com)

**RADICI PLASTICS LTDA**  
Rua Giuseppe Marchiori, 497  
CEP 18147-970 Araçariquama – São Paulo – BR  
Tel. +55 11 4136 6500 – Fax +55 11 4136 2166  
e-mail: [brasil.plastics@radicigroup.com](mailto:brasil.plastics@radicigroup.com)

**RADICI PLASTICS USA Inc.**  
960 Seville Road, Wadsworth, OH 44281 – USA  
Tel. +1 330 3367611 – Fax +1 330 3362143  
e-mail: [usa.plastics@radicigroup.com](mailto:usa.plastics@radicigroup.com)

**RADICI PLASTICS (Suzhou) CO., LTD.**  
No. 49 Ping Sheng Road, SIP  
215126 Suzhou, Jiangsu Province – PR China  
Tel. +86 512 62952290 – Fax +86 512 62952291  
e-mail: [china.plastics@radicigroup.com](mailto:china.plastics@radicigroup.com)

**RADICI PLASTICS INDIA PVT. LTD.**  
C-5 1st Floor, Amar Colony Market, Lajpat Nagar-IV  
New Delhi – 110024 – IN  
Tel. +91 11 41638170  
e-mail: [info.plastics@radicigroup.com](mailto:info.plastics@radicigroup.com)

**RADICI PLASTICS MEXICO S. DE R.L. DE C.V.**  
Av. Francisco Zarco 2688  
C.P. 47810 – Col. Loma Bonita – Ocotlán Jalisco – MX  
Tel: +52 392 923 2390  
e-mail: [info.plastics@radicigroup.com](mailto:info.plastics@radicigroup.com)

The information provided in this documentation corresponds to our knowledge on the subject at the date of its publication. This information may be subject to revision as new knowledge and experience become available. The data provided falls within the normal range of product properties and relates only to the specific material designated; this data may not be valid for such material used in combination with any other materials or additives or in any process, unless expressly indicated otherwise. The data provided should not be used to establish specification limits nor used alone as the basis of design; it is not intended to substitute for any testing you may need to conduct to determine for yourself the suitability of a specific material for your particular purposes. Since Radici Plastics cannot anticipate all variations in actual end-use conditions Radici Plastics makes no warranties and assumes no liability in connection with any use of this information. Nothing in this publication is to be considered as a license to operate under or a recommendation to infringe any patent rights.

*Le informazioni contenute in questo documento sono fondate sulla base delle migliori conoscenze in nostro possesso al momento della pubblicazione. Queste informazioni sono soggette a revisioni a seguito dell'ottenimento di nuove conoscenze ed esperienze. I dati forniti corrispondono alla gamma normale di proprietà materiali e si riferiscono solo al materiale specificato: i dati potrebbero non essere validi per gli stessi materiali utilizzati in combinazione con altri materiali o additivi, o altri processi non specificati. I dati forniti non devono essere utilizzati al fine di stabilire valori di specifiche, né utilizzati da soli per la progettazione. Non si intendono come una sostituzione per gli esperimenti che dovrete effettuare per determinare l'adattabilità dei nostri prodotti all'uso specifico al quale li avete destinati. Dato che non è possibile per Radici Plastics prevedere ogni variazione nell'utilizzo finale dei nostri prodotti, Radici Plastics non fornisce alcuna garanzia, né assume alcuna responsabilità concernente l'utilizzo di queste informazioni. La presente pubblicazione non può essere in alcun modo interpretata come una licenza d'uso né come una istigazione a violare brevetti esistenti.*