

Technical Data Sheet [TDS]

SAN Dinasty Black

Reference: SAN1S15-4324

Properties	Unit	Method	Value d.a.m.
<b>Physical</b> Relative density	g/cm <sup>3</sup>	ISO 1183	1,06
<b>Mechanical</b> Tensile modulus (1 mm/min) Stress at yield (50 mm/min) Strain at yield (50 mm/min) Flexural strength (2 mm/min) Charpy unnotched impact strength (23°C)	MPa MPa % MPa kJ/m <sup>2</sup>	ISO 527 ISO 527 ISO 527 ISO 178 ISO 179/1eU	3650 70 2,2 96 18
<b>Rheological</b> Melt flow index M.F.I. (220°C, 10 kg)	g/10min	ISO 1133	7
<b>Thermal</b> VICAT softening temperature Flammability classification (1.6mm)	°C V0-V1-V2-HB	ISO 306-B50 UL 94	- HB
<b>Processing</b> Melt temperature range Recommended mould temperature Drying temperature Drying time	°C °C °C h	- - - -	190-250 40-80 80 1-2

The data submitted here are, to the best of Grupo Repol's knowledge, representative of the range of properties for the listed products, but should not be used to establish process limits or used as the direct basis of design. Colorants or other additives may alter these properties. The data are given for natural grade unless otherwise specified.

Last update: 04/ 2015



