

Material Data Sheet



Material Code: Sapylen HCR250F.AS

Material Description :Sapylen HCR250F.AS is a 20 % mineral filled Polypropylene.Material properties include high fluidity , UVstabilized and high stiffness and very good impact behaviour.This material optimised for good aesthetics , good scratch resistance and injection moulding wich makes it very suitable for instrumentpanel application .This grade is available in custom color.

Mechanical Properties	Value	Unit	Standard
Density	1.01±0.02	g/Cm ³	ASTM D 792
Shirnbage	1.01-0.02	%	ASTM D955
Filler Content(600°C , 30 min)	20±1	%	ASTM D5630
Tensile stress @ yield	min 17	MPa	ASTM D638
Elongation @ Yield	min 5	%	ASTM D638
Elongation @ Break	min 50	%	ASTM D638
Flexural Modulus	min 1200	Mpa	ASTM D638
Izod Impact Notched @ 23°C	min 15	kJ/m ²	ASTM D256
Hardness(23°C)	62±3	ShoreD/15sec	ASTM D2240

Thermal Properties			
MFI(230°C/2.16kg)	11±2	gr/10min	ASTM 1238
HDT (120°C/h,1.8 MPa)	min 57	°C	ASTM D648

Color Matching			
ΔE	≤1	Ral design 0001500	D155084

www.sahelchimie.com
info@sahelchimie.com



Fax: +981132023008
Tel: +981132023126-9