

Samsung Cheil Industries Starex® SR-7300 ABS/PET, Unreinforced

Category : Polymer , Thermoplastic , ABS Polymer , ABS/Polyester Alloy , Polyester, TP , Polyethylene Terephthalate (PET)

Material Notes:

Material with superior chemical resistance that can be used in the interior/exterior material of household appliances that require heat resistance. Information provided by Samsung Cheil Industries.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Samsung-Cheil-Industries-Starex-SR-7300-ABSPET-Unreinforced.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.10 g/cc	1.10 g/cc	ASTM D792
Linear Mold Shrinkage, Flow	0.0040 - 0.0060 cm/cm @Thickness 3.20 mm	0.0040 - 0.0060 in/in @Thickness 0.126 in	ASTM D955
Melt Flow	16 g/10 min @Load 10.0 kg, Temperature 250 °C	16 g/10 min @Load 22.0 lb, Temperature 482 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	106	106	ASTM D785
Tensile Strength, Yield	41.2 MPa	5970 psi	50 mm/min; ASTM D638
Elongation at Break	25 %	25 %	50 mm/min; ASTM D638
Flexural Strength	60.8 MPa	8820 psi	2.8 mm/min; ASTM D790
Flexural Modulus	1.91 GPa	277 ksi	2.8 mm/min; ASTM D790
Izod Impact, Notched	2.94 J/cm @Thickness 3.17 mm	5.51 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	90.0 °C @Thickness 6.40 mm	194 °F @Thickness 0.252 in	ASTM D648
Vicat Softening Point	104 °C	219 °F	B/50; ISO R306
Flammability, UL94	HB @Thickness 1.50 mm	HB @Thickness 0.0591 in	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China