

Resirene Resirene® HH-107 General Purpose Polystyrene

Category : Polymer , Thermoplastic , Polystyrene (PS) , Polystyrene, Molded, Unreinforced

Material Notes:

Features:Medium FlowHigh HeatHigh Molecular WeightHigh ProductivityFDA Rating: 21 CFR 177.1640Mechanical

StrengthApplications:Thin Wall ApplicationsExtrusionGPPS/HIPS BlendsCD CasesCassette CasesInformation provided by US distributor

Calsak Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Resirene-Resirene-HH-107-General-Purpose-Polystyrene.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.04 g/cc	1.04 g/cc	ASTM D792
Linear Mold Shrinkage	0.0030 - 0.0070 cm/cm	0.0030 - 0.0070 in/in	ASTM D955
Melt Flow	3.5 g/10 min @Load 5.00 kg, Temperature 200 °C	3.5 g/10 min @Load 11.0 lb, Temperature 392 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	44.8 MPa	6500 psi	ASTM D638
Elongation at Break	3.0 %	3.0 %	ASTM D638
Tensile Modulus	2.758 GPa	400.0 ksi	ASTM D638
Izod Impact, Notched	0.160 J/cm	0.300 ft-lb/in	0.5 in.; ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	89.0 °C	192 °F	ASTM D648
Flammability, UL94	HB	HB	

Optical Properties	Metric	English	Comments
Transmission, Visible	88 %	88 %	ASTM D1003

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