

Resirene Resirene® 4220 High Impact Polystyrene

Category : Polymer , Thermoplastic , Polystyrene (PS) , Polystyrene, Impact Modified

Material Notes:

Features:High FlowEasy ProcessingFDA Rating: 21 CFR 177.1640FlexibilityExternal LubricatedApplications:InjectionTV CabinetsTyping Machine CasesPrintersToysInformation provided by US distributor Calsak Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Resirene-Resirene-4220-High-Impact-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	8.0 g/10 min @Load 5.00 kg, Temperature 200 °C	8.0 g/10 min @Load 11.0 lb, Temperature 392 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	19.3 MPa	2800 psi	ASTM D638
Tensile Strength, Yield	19.0 MPa	2760 psi	ASTM D638
Elongation at Break	59 %	59 %	ASTM D638
Tensile Modulus	1.903 GPa	276.0 ksi	ASTM D638
Izod Impact, Notched	0.720 J/cm	1.35 ft-lb/in	0.5 in.; ASTM D256
	0.910 J/cm	1.70 ft-lb/in	0.125 in.; ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	83.0 °C	181 °F	ASTM D648
Flammability, UL94	HB	HB	

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