

## Resirene Resirene® READ 9500 Ignition Resistant Impact Polystyrene

Category : Polymer , Thermoplastic , Polystyrene (PS) , Polystyrene, Flame Retardant

### Material Notes:

Features:High FlowIgnition ResistantNo Pre-drying RequiredHigh ImpactColors AvailableApplications:Injection MoldingDark ColorsTV CabinetsElectronic EquipmentInformation provided by US distributor Calsak Corporation.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Resirene-Resirene-READ-9500-Ignition-Resistant-Impact-Polystyrene.php](http://www.lookpolymers.com/polymer_Resirene-Resirene-READ-9500-Ignition-Resistant-Impact-Polystyrene.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.16 g/cc	1.16 g/cc	ASTM D792
Linear Mold Shrinkage	0.0030 - 0.0070 cm/cm	0.0030 - 0.0070 in/in	ASTM D955
Melt Flow	10 g/10 min @Load 5.00 kg, Temperature 200 °C	10 g/10 min @Load 11.0 lb, Temperature 392 °F	G; ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	12.4 MPa	1800 psi	ASTM D638
Tensile Strength, Yield	15.2 MPa	2200 psi	ASTM D638
Elongation at Break	50 %	50 %	ASTM D638
Tensile Modulus	1.862 GPa	270.1 ksi	ASTM D638
Izod Impact, Notched	1.34 J/cm	2.51 ft-lb/in	0.125 in.; ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	75.0 °C	167 °F	Unannealed; ASTM D648
Flammability, UL94	V-0	V-0	

## Contact Songhan Plastic Technology Co.,Ltd.

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