

## Polimeri Europa KOSTIL B366 Styrene Acrylonitrile

Category : Polymer , Thermoplastic , SAN Polymer , Styrene Acrylonitrile (SAN), Molded

### Material Notes:

Symbol according to ISO 1043-1: SAN Grade designation according to ISO 4894-SAN 2,M,105-25 Injection moulding grade with good chemical resistance and easy flow grade Application fields: household and small appliances large appliances (internal parts) cosmetics, medical and pharmaceutical items lighting bathroom furnishing others (catering, stationery, toys, displays) Unfilled. Suitable for Injection Molding, Profile Extrusion. Supplied as pellets. Contains release agent.ISO data.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Polimeri-Europa-KOSTIL-B366-Styrene-Acrylonitrile.php](http://www.lookpolymers.com/polymer_Polimeri-Europa-KOSTIL-B366-Styrene-Acrylonitrile.php)

Physical Properties	Metric	English	Comments
Density	1.07 g/cc	0.0387 lb/in <sup>3</sup>	
Melt Flow	30 g/10 min @Load 10.0 kg, Temperature 220 °C	30 g/10 min @Load 22.0 lb, Temperature 428 °F	cm <sup>3</sup> /10 min

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	66.0 MPa	9570 psi	5 mm/min
Elongation at Break	2.2 %	2.2 %	5 mm/min
Tensile Modulus	3.50 GPa	508 ksi	1 mm/min
Charpy Impact Unnotched	1.60 J/cm <sup>2</sup>	7.61 ft-lb/in <sup>2</sup>	
	1.60 J/cm <sup>2</sup> @Temperature -30.0 °C	7.61 ft-lb/in <sup>2</sup> @Temperature -22.0 °F	

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	70.0 µm/m-°C @Temperature 20.0 °C	38.9 µin/in-°F @Temperature 68.0 °F	
Deflection Temperature at 1.8 MPa (264 psi)	84.0 °C	183 °F	
Vicat Softening Point	105 °C	221 °F	50°C/hr; 50N
Glass Transition Temp, Tg	103 °C	217 °F	10°C/min test
Flammability, UL94	HB @Thickness 1.60 mm	HB @Thickness 0.0630 in	

Optical Properties	Metric	English	Comments
Transmission, Visible	80 %	80 %	Manufacturer specifies 'transparent' but doesn't quantify.

Electrical Properties	Metric	English	Comments
Electrical Resistivity	$\geq 1.00 \times 10^{15}$ ohm-cm	$\geq 1.00 \times 10^{15}$ ohm-cm	
Surface Resistance	$\geq 1.00 \times 10^{15}$ ohm	$\geq 1.00 \times 10^{15}$ ohm	

## Contact Songhan Plastic Technology Co.,Ltd.

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