

SABIC Innovative Plastics LNP STAT-LOY Cycloy_CA6200 PC+ABS

Category : Polymer , Thermoplastic , ABS Polymer , Polycarbonate/ABS Alloy, Unreinforced , Polycarbonate (PC)

Material Notes:

PRELIMINARY DATA. LNP* Stat-loy* Cycloy_CA6200 compound is a Non-ECO flame retardant, anti-static PC+ABS for ESD management.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-STAT-LOY-CycloyCA6200-PCABS.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.24 g/cc	1.24 g/cc	ASTM D792
Melt Flow	13 g/10 min	13 g/10 min	ASTM D1238
	@Load 1.20 kg, Temperature 260 Â°C	@Load 2.65 lb, Temperature 500 Â°F	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	37.0 MPa	5370 psi	Type I, 50 mm/min; ASTM D638
Tensile Strength, Yield	57.0 MPa	8270 psi	Type I, 50 mm/min; ASTM D638
Elongation at Break	20 %	20 %	Type I, 50 mm/min; ASTM D638
Flexural Yield Strength	89.0 MPa	12900 psi	1.3 mm/min, 50 mm span; ASTM D790
Flexural Modulus	2.19 GPa	318 ksi	1.3 mm/min, 50 mm span; ASTM D790
Izod Impact, Notched	7.79 J/cm	14.6 ft-lb/in	ASTM D256
Dart Drop, Total Energy	43.0 J	31.7 ft-lb	ASTM D3763
	@Temperature 23.0 Â°C	@Temperature 73.4 Â°F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	98.0 Â°C	208 Â°F	unannealed; ASTM D648
	@Thickness 3.20 mm	@Thickness 0.126 in	

Electrical Properties	Metric	English	Comments
Surface Resistance	4.00e+11 ohm	4.00e+11 ohm	ROA; IEC 60093

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