

CarmelStat™ CS 2015

Polypropylene

Carmel Olefins Ltd.

Message:

PP with improved stiffness for boxes and for shelves for circuit boards handling.

General Information			
Features	Rigid, good		
Agency Ratings	EC 1907/2006 (REACH)		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.01	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	10	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.30	%	ASTM D955
Water Absorption (Equilibrium)	0.030	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	45.0	MPa	ASTM D638
Tensile Elongation (Break)	2.0	%	ASTM D638
Flexural Modulus	3100	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	50	J/m	ASTM D256
Unnotched Izod Impact	360	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	160	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+9	ohms	ASTM D4496
Volume Resistivity	1.0E+9	ohms · cm	ASTM D257
Additional Information			

Volume Resistivity, ASTM D257: 1e7 to 1e9 ohm-cmSurface Resistivity, SEOS/ESD 11.11: 1e7 to 1e9 ohmsStatic Decay Time, MIL-B 81705C, +5000V to 50V: 0.1 secImpact Resistance, ASTM D5628: 4J

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT