RANPELEN J-560SW

Polypropylene Random Copolymer

Lotte Chemical Corporation

Message:

J-560SW is a nucleated random copolymer for injection molding applications. This grade is designed to be processed in conventional injection molding equipment and offers high transparency, high whiteness, good stiffness/impact strength balance, high gloss, good flow and low smell.

General Information			
Additive	Nucleating Agent		
Features	Good Flow Good Impact Resistance Good Stiffness High Clarity High Gloss Low to No Odor Nucleated Random Copolymer		
Uses	Containers Media Packaging		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	0.900	g/cm³	ASTM D792, ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	18	g/10 min	ASTM D1238, ISO 1133
Hardness	**Nominal Value**	**Unit**	**Test Method**
Rockwell Hardness (R-Scale)	95		ASTM D785
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength			
Yield	29.4	MPa	ASTM D638
Yield	26.5	MPa	ISO 527-2
Tensile Elongation (Break)	> 100	%	ASTM D638, ISO 527-2
Flexural Modulus			
--	1270	MPa	ASTM D790
--	1030	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact			
-10°C	25	J/m	ISO 180
-10°C	29	J/m	ASTM D256

23°C	49	J/m	ASTM D256
23°C	44	J/m	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
0.45 MPa, Unannealed	95.0	°C	ASTM D648
0.45 MPa, Unannealed	85.0	°C	ISO 75-2/B
Optical	Nominal Value	Unit	Test Method
Haze	25	%	ASTM D1003

Recommended distributors for this material

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