

Hanwha Total PP RJ700

Polypropylene

HANWHA TOTAL PETROCHEMICALS Co., Ltd.

Message:

RJ700 is a random copolymer with greater transparency than regular Homo PP. The addition of comonomers and a transparent nucleating agent has significantly improved the product's mechanical properties.

General Information			
UL YellowCard	E140331-501415		
Additive	Nucleating agent		
Features	Nucleated		
	Workability, good		
	High liquidity		
	Good appearance		
	Random copolymer		
Uses	Household goods		
	Food container		
Appearance	Clear/transparent		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.910	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	89		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	29.4	MPa	ASTM D638
Tensile Elongation (Break)	600	%	ASTM D638
Flexural Modulus	1080	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	50	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	97.0	°C	ASTM D648
Optical	Nominal Value	Unit	Test Method
Haze	30	%	ASTM D1003
Additional Information			
Spiral Flow, SAMSUNG TOTAL: 137 cm			

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