

Toler PP PP1890

Polypropylene Impact Copolymer

Toler Chemical, Inc

Message:

PP1890 impact polypropylene is useful in end-use applications requiring excellent stiffness/impact balance with improved injection molding processing.

General Information			
Features	Good Impact Resistance		
	Good Processability		
	Good Stiffness		
	Impact Copolymer		
Uses	Appliances		
	Consumer Applications		
	Crates		
	Household Goods		
	Tool/Tote Box		
	Toys		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	18 to 22	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, Injection Molded)	22.0	MPa	ASTM D638
Tensile Elongation (Yield)	6.0	%	ASTM D638
Flexural Modulus - 1% Secant ¹ (Injection Molded)	1070 to 1140	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, Injection Molded)	130 to 160	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	89.0	°C	ASTM D648
NOTE			
1.	1.3 mm/min		

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