

# Toler PP PP3530

Polypropylene Impact Copolymer

Toler Chemical, Inc

## Message:

PP3530 is a medium impact copolymer resin designed for ram- or screw-injection machines. It has excellent moldability and is available in pellet form.

General Information			
Features	Good Colorability		
	Good Dimensional Stability		
	Good Moldability		
	Good Processability		
	Good Surface Finish		
	High Flow		
	Impact Copolymer		
	Low Temperature Toughness		
Uses	Containers		
	Lids		
	Shipping Containers		
	Thin-walled Parts		
Forms	Pellets		
Processing Method	Multi Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm <sup>3</sup>	ASTM D792B
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	30 to 35	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, Injection Molded)	25.0	MPa	ASTM D638
Tensile Elongation (Yield)	8.0	%	ASTM D638
Flexural Modulus - 1% Secant <sup>1</sup> (Injection Molded)	931 to 1000	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, Injection Molded)	80 to 120	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	85.6 to 90.6	°C	ASTM D648
NOTE			
1.	13 mm/min		

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