

# TexRes Polypropylene Homopolymer

## TexCo Resin - Polypropylene Homopolymer

### General Information

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Features	• General Purpose
Forms	• Pellets
Processing Method	• Compounding • Injection Molding

### Properties<sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.902		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	4600	psi	ASTM D638
Tensile Elongation (Break)	8.0	%	ASTM D638
Flexural Modulus	190000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	0.50	ft-lb/in	ASTM D256
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	95		ASTM D785
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	216	°F	ASTM D648
Deflection Temperature Under Load 264 psi, Unannealed	144	°F	ASTM D648
Melting Temperature	320	°F	
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		Internal Method