

TexRes PP COPO NO BREAK

TexCo Resin - Polypropylene Impact Copolymer

General Information

Product Description

High impact copolymer with high flow for appearance parts. This material is available in Natural or Black.

General

Features	• High Flow	• High Impact Resistance	• Impact Copolymer
Appearance	• Black	• Natural Color	
Forms	• Pellets		
Processing Method	• Compounding	• Injection Molding	

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.902		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Yield)	2600	psi	ASTM D638
Tensile Elongation (Break)	20	%	ASTM D638
Flexural Modulus	145000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	10	ft-lb/in	ASTM D256
Unnotched Izod Impact	No Break		ASTM D4812
Gardner Impact (-20°F)	> 200	in-lb	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	60		ASTM D785
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	185	°F	ASTM D648
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		Internal Method

Notes

¹ Typical properties: these are not to be construed as specifications.

² 2.0 in/min