



ECHO® RPC40G BK

Entec Polymers - Polypropylene Homopolymer

Tuesday, November 5, 2019

General Information

General

Material Status	• Commercial: Active
Availability	• North America
Filler / Reinforcement	• Glass Fiber, 40% Filler by Weight
Recycled Content	• Yes
Features	• Homopolymer
Appearance	• Black
Forms	• Pellets

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.28		ASTM D792
Melt Mass-Flow Rate (230°C/2.16 kg)	5.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	13400	psi	ASTM D638
Tensile Elongation (Yield, 73°F)	3.0	%	ASTM D638
Flexural Modulus (73°F)	1.05E+6	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F, 0.125 in)	2.4	ft-lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 264 psi, Unannealed	300	°F	ASTM D648

Notes

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