



ECHO® RPH20TC BK

Entec Polymers - Polypropylene Homopolymer

Tuesday, November 5, 2019

General Information

Product Description

Post Consumer Homopolymer Propylene (Nylon content < 5%), 12 Melt Flow, 20% Talc Filled, Heat Stabilized, Black

General

Material Status	• Commercial: Active
Availability	• North America
Filler / Reinforcement	• Talc, 20% Filler by Weight
Additive	• Heat Stabilizer
Recycled Content	• Yes
Features	• Heat Stabilized • Homopolymer
Appearance	• Black

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.10	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0 to 16	g/10 min	ISO 1133
Ash Content	16 to 24	%	ISO 3451
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	3480	psi	ISO 527-2
Flexural Modulus	290000	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	0.95	ft-lb/in ²	ISO 179/1U

Notes

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