



IPC PP NATURAL 4820H-T

Ravago Manufacturing Americas - IPC - Polypropylene Homopolymer

Tuesday, November 5, 2019

General Information

Product Description

Product Description:

- 20% talc filled polypropylene
- Injection molding applications

General

Material Status	• Commercial: Active
Availability	• North America
Filler / Reinforcement	• Talc, 20% Filler by Weight
Features	• Homopolymer
Automotive Specifications	• ROEHLING PP T-20
Appearance	• Natural Color
Processing Method	• Injection Molding

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.03 to 1.07		ASTM D792
Melt Mass-Flow Rate ² (230°C/2.16 kg)	13 to 17	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	4200	psi	ASTM D638
Flexural Modulus	350000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	0.50	ft-lb/in	ASTM D256
Additional Information	Nominal Value	Unit	Test Method
Filler Content	18 to 22	%	ASTM D5630

Notes

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

² Procedure A