

Technical Data Sheet

Polyfort J-60/20/TT/FD WT8381WHI



Polypropylene, Homopolymer

Product Description

Polyfort J-60/20/TT/FD WT8381WHI is a Polypropylene Homopolymer Glass Fiber, 20% filled material. Features include: Food Contact Acceptable, and Homopolymer.

Attribute	Food Contact Acceptable; Homopolymer
Forms	Pellets
Filler/Reinforcement	Glass Fiber, 20%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	19	g/10 min	ASTM D1238
Density - Specific Gravity	1.06	g/cm ³	ASTM D792
Mechanical			
Flexural Modulus, (23 °C)	2900	MPa	ISO 178
Tensile Strain at Yield, (23 °C)	2.5	%	ISO 527-2
Tensile Stress at Break, (23 °C)	48.0	MPa	ISO 527-2
Flexural Stress, (23 °C)	73.5	MPa	ISO 178
Impact			
Notched Izod Impact Strength, (23 °C, Type 1, Notch A)	4.1	kJ/m ²	ISO 180
Unnotched Izod Impact Strength, (23 °C, Type 1)	20	kJ/m ²	ISO 180