

Technical Data Sheet

Polyflam PP-60/TC/15/V0/ND BK4992BLK



Polypropylene, Homopolymer

Product Description

Polyflam PP-60/TC/15/V0/ND BK4992BLK is a Polypropylene Homopolymer Talc, 20% filled material. Features include: Homopolymer.

Attribute	Homopolymer
Forms	Pellets
Additive	Flame Retardant
Filler/Reinforcement	Talc, 20%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	16	g/10 min	ASTM D1238
Density - Specific Gravity	1.5	g/cm ³	ASTM D792
Mechanical			
Tensile Strength, (23 °C)	24.8	MPa	ASTM D638
Tensile Elongation at Yield, (23 °C)	10	%	ASTM D638
Flexural Modulus, (23 °C, Tangent)	3590	MPa	ASTM D790
Tensile Modulus, (23 °C)	3790	MPa	ASTM D638
Flexural Strength, (23 °C)	44.1	MPa	ASTM D790
Impact			
Notched Izod Impact, (23 °C, 3.18 mm)	13	J/m	ASTM D256
Hardness			
Rockwell Hardness, (R-Scale)	90 to 95		ASTM D785
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	93.3	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi)	132	°C	ASTM D648
Additional Information			
Water Absorption at 24 hrs	0.03	%	ASTM D570
UL Information			
Flame Rating, (1.5 mm)	V-0		UL 94