

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

LyondellBasell Industries - Polypropylene Homopolymer

## General Information

### Product Description

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

### General

Filler / Reinforcement	• Talc, 20% Filler by Weight
Additive	• Flame Retardant
Features	• Flame Retardant • Homopolymer
Forms	• Pellets

## Properties<sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.50		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	16	g/10 min	ASTM D1238
Water Absorption (24 hr)	0.030	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (73°F)	550000	psi	ASTM D638
Tensile Strength (73°F)	3600	psi	ASTM D638
Tensile Elongation (Yield, 73°F)	10	%	ASTM D638
Flexural Modulus - Tangent (73°F)	521000	psi	ASTM D790
Flexural Strength (73°F)	6400	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F, 0.125 in)	0.24	ft-lb/in	ASTM D256
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	90 to 95		ASTM D785
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	270	°F	ASTM D648
Deflection Temperature Under Load 264 psi, Unannealed	200	°F	ASTM D648
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.06 in)	V-0		UL 94