

# Polyfort PP-60/TC/30 YL54

## LyondellBasell Industries - Polypropylene Homopolymer

### General Information

#### Product Description

Polyfort PP-60/TC/30 YL54 is a Polypropylene Homopolymer Talc, 30% filled material. Features include: Homopolymer.

#### General

Filler / Reinforcement	• Talc, 30% Filler by Weight
Features	• Homopolymer
Forms	• Pellets

### Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.15		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ASTM D1238
Water Absorption (24 hr)	0.030	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (73°F)	429000	psi	ASTM D638
Tensile Strength (73°F)	4800	psi	ASTM D638
Tensile Elongation (Yield, 73°F)	15	%	ASTM D638
Flexural Modulus - Tangent (73°F)	400000	psi	ASTM D790
Flexural Strength (73°F)	7010	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F, 0.125 in)	0.51	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	185	°F	ASTM D648