

Technical Data Sheet

Primefin V550

Polypropylene Homopolymer
LyondellBasell Industries
Engineering Plastics

Product Description

Homopolymer Polypropylene

Colors Available

Meets GMP.PP.013, ESB-M4D63-A

General

Features	• Homopolymer
Appearance	• Colors Available

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.910	0.908 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	8.0 g/10 min	8.0 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	4900 psi	33.8 MPa	ASTM D638
Tensile Elongation (Break)	> 10 %	> 10 %	ASTM D638
Flexural Modulus	220000 psi	1520 MPa	ASTM D790
Flexural Strength	5500 psi	37.9 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact (0.125 In (3.18 Mm))	0.80 ft·lb/in	43 J/m	ASTM D256
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 264 Psi (1.8 Mpa), Unannealed	135 °F	57.2 °C	ASTM D648

Notes

These are typical property values not to be construed as specification limits.