

Technical Data Sheet

Moplen HP555G

Polypropylene, Homopolymer



Product Description

LyondellBasell Australia's Polypropylene grade *Moplen* HP555G is a low flow homopolymer with a conventional molecular weight distribution and is formulated with an enhanced process stability additive package. *Moplen* HP555G is designed for extrusion processes that demand high melt strength and melt stability characteristics. End use products typically made from *Moplen* HP555G include strapping, mechanically fibrillated yarns and profiles.

Application Panels & Profiles; Strapping

Market Industrial, Building & Construction; Rigid Packaging; Textile

Processing Method Extrusion Blow Molding; Sheet

Attribute Good Melt Strength; High Melt Stability; Low Flow

Nominal		
Value	Units	Test Method
1.3	g/10 min	ISO 1133-1
0.90	g/cm³	ISO 1183-1
1450	MPa	ISO 178
33	MPa	ISO 527-1, -2
7.5	kJ/m²	ISO 180/1A
75		ISO 868
155	°C	ISO 306
92	°C	ISO 75B-1, -2
	1.3 0.90 1450 33 7.5 155	1.3 g/10 min 0.90 g/cm³ 1450 MPa 33 MPa 7.5 kJ/m² 75