

# Moplen HP555G

Polypropylene Homopolymer

LyondellBasell Industries

## Message:

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

General Information			
Additive	Processing Aid		
Features	Food Contact Acceptable		
	Good Melt Strength		
	Good Processing Stability		
	High Melt Stability		
	Homopolymer		
	Low Flow		
Uses	Profiles		
	Reinforced Panels		
	Strapping		
	Yarn		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm <sup>3</sup>	ISO 1183/D
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.3	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	73		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	33.0	MPa	ISO 527-2
Flexural Modulus	1400	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	6.0	kJ/m <sup>2</sup>	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	82.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	51.0	°C	ISO 75-2/A
Vicat Softening Temperature	155	°C	ISO 306/A

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any

infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

