# 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.

Features       Food Cortex Acceptable         Good Mett Strength       Good Processing Stability         High Mett Stability       High Mett Stability         High Mett Stability       Homopolymer         Low Flow       Profiles         Processing Method       Profiles         Processing Method       Extrusion         Processing Method       Strapping         Profiles       Nominal Value         Profiles       Init         Profiles       Strapping         Profiles       Strapping         Profiles       Nominal Value         Profiles       Init         Profiles       Strapping         Profiles       Strapping         Profiles       Strapping         Profiles       Strapping         Profiles       Nominal Value         Density       0900       gr(m²         Nominal Value       Unit       Test Method         Shore Hardness (Shore D)       73       Sto Sta Profiles         Inspact       Nominal Value       Wal       Sto Sto Sto Profiles         Inspact       Nominal Value       Wal       Sto Sto Profiles         Inspact       Nominal Value       Vint       Test Method	General Information			
Good Meit Strength Good Processing Stability       High Meit Stability         High Meit Stability       High Meit Stability         Homopolymer Low Flow       Homopolymer         Low Flow       Profiles         Profiles       Reinforced Panels         Strapping       Strapping         Ver       Normal Value         Professing Method       Normal Value         Density       0.900         Mentandense (MFR) (20°C/2::67)       Janan         Methands       Normal Value         Methands       Normal Value         Methands       Normal Value         Methanda       Normal Value         Insets Strokely       3.01         Methanda       Normal Value         Moninal Value       Nalue         Normal Value       Normal Value	Additive	Processing Aid		
Good Processing Stability         High Melt Stability         High Melt Stability         Homopolymer         Low Flow         Uses       Profiles         Reinforced Panels         Strapping         Yarn         Processing Method       Nermina Value         Physical       Nominal Value         Density       0.900         0.900       g/dmina         Methandsen Kuff Rf20°C/2.16°       1.3         Starse Hornsets (Shore Dim       1.3         Nominal Value       Unit         Methandset (MER) (230°C/2.16°       1.3         Shore Hardness (Shore Dim       1.3         Nominal Value       Unit         Ternsle Strass (Yield)       3.0         Nominal Value       Unit         Ternsle Strass (Yield)       3.0         Notact Alzon       Marce         Notact Alzon       Marce         Notact Alzon       Nominal Value         Notact Alzon       Marce         Notact Alzon       Marce         Notact Alzon       Nominal Value         Notact Izon Minal Value       Init         Notact Izon Minal Value       Nominal Value         Notact Izon	Features	Food Contact Acceptable		
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Uses       Profiles         Reinforced Panels         Strapping         Yarn         Processing Method       Extrusion         Processing Method       Extrusion         Physical       Nominal Value       Unit       Test Method         Density       0.900       g/cm³       50 118./0         Melt Mass-Flow Rate (MFR) (230°C/2.16)       j       g/10 min       S0 1133         Melt Mass-Flow Rate (MFR) (230°C/2.16)       Nominal Value       Unit       Test Method         Net Mass-Flow Rate (MFR) (230°C/2.16)       Nominal Value       Joint Part       ISO 188./0         Mechanical       Nominal Value       Unit       Test Method         Iso Res       Nominal Value       Unit       So 527-2         Iso Res       Ja00       MPa       ISO 183./         Impact       Nominal Value       Unit       Test Method         Internal       Nominal Value       Unit       Test Method         Notice Lize Information Temperature       Unit       Test Method         Impact       Nominal Value       Unit       Test Method         Notice Lize Information Temperature       Unit       Test Method         Impact       Nominal Value       Unit		Homopolymer		
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	0.45 MPa, Unannealed	82.0	°C	ISO 75-2/B
Vicat Softening Temperature 15 °C ISO 306/A	1.8 MPa, Unannealed	51.0	°C	ISO 75-2/A
	Vicat Softening Temperature	155	°C	ISO 306/A

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