



Metocene HM2015

Polypropylene, Homopolymer

Product Description

Metocene HM2015 a metallocene-catalysed polymer for compounding and injection moulding with very high Melt Flow rate. It contains a basic stabilization package. Metocene HM2015 has an excellent stiffness, outstanding organoleptic properties and a low warpage.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO ASTM
Availability	Europe, North America
Processing Method	Injection Molding
Features	Narrow Molecular Weight Distribution, Good Organoleptic Properties , High Stiffness
Typical Customer Applications	Housewares, TWIM Food Containers, Multi Media Packaging, Consumer Packaging

Typical Properties	Method	Value Unit
Physical		
Density -Specific Gravity (Method B)	ASTM D 792	0.91 sp gr 23/23°C
Melt flow rate (230°C/2.16kg)	ASTM D 1238	140 g/10 min
Mechanical		
Tensile Strength @ Yield (2 in/min)	ASTM D 638	5700 psi
Flexural Modulus (0.05 in/min, 1% Secant, Procedure A)	ASTM D 790	252000 psi
Tensile Elongation @ Yld	ASTM D 638	7 %
Impact		
Notched izod impact (73 °F, Method A)	ASTM D 256	0.5 ft-lb/in
Drop weight impact resistance	ASTM D 4226	
(73 °F)		NT
(34 °F)		NT
(-20 °F)		NT
Thermal		
DTUL @66psi - Unannealed	ASTM D 648	253 °F
Optical		
Haze (40 mil)	ASTM D 1003	60 %

Notes

Typical properties; not to be construed as specifications.

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LyondellBasell markets this product through the following entities:

Equistar Chemicals, LP
Basell Sales & Marketing Company B.V.
Basell Asia Pacific Limited
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Users should review the applicable Material Safety Data Sheet before handling the product.

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Release Date: 14 Dec 2010

