



Hostacom HYS 2009R 205199

Compounded Polyolefin

Product Description

Hostacom HYS 2009R 205199 is an unfilled PP homopolymer, with high flowability, high blooming resistance at elevated temperatures, very high gloss and very good hot water resistance. Product is UL listed. The product is also available as a customized color matched, pellet form. This grade is delivered in 205199 color version.

Product Characteristics

Status	Commercial	
Availability	Europe	(1)
Processing Method	Injection molding	
Features	Flowability, blooming resistance at elevated temperatures, gloss, hot water resistance.	
Typical Customer Applications	Used for small appliances.	

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230 °C, 2.16 kg)	ISO 1133	28	g/10 min
Melt Volume Rate (230 °C, 2.16 kg)	ISO 1133	35	cm ³ /10 min
Density (23 °C)	ISO 1183-1/A	0.91	g/cm ³
Mechanical			
Tensile Modulus (23 °C)	ISO 527-1, -2	1600	MPa
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	37	MPa
Tensile Strain at Yield (23 °C)	ISO 527-1, -2	9.0	%
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	1700	MPa
Impact			
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	2.5	kJ/m ²
Thermal			
Vicat Softening Temperature B (50 N)	ISO 306	100	°C
Heat Deflection Temperature A (1.8 MPa)	ISO 75-1, -2	55	°C

Product Storage and Handling

- Product should be stored in dry conditions at temperatures below 50°C and protected from UV-light.
- Improper storage may bring damage to the packaging and can negatively affects on the quality of this product
- Keep material completely dry for good processing.

Notes

Typical properties; not to be construed as specifications.

(1) : Here is indicated the region where the material is produced. For importation or demand of a local equivalent grade, please contact our Sales Representatives.

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- Equistar Chemicals, LP
- Basell Sales & Marketing Company B.V.
- Basell Asia Pacific Limited
- Basell International Trading FZE
- LyondellBasell Australia Pty Ltd

For the contact details of the LyondellBasell company selling this product in your country, please visit <http://www.lyondellbasell.com/>.

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This product(s) may not be used in:

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- (ii) the manufacture of any of the following, without prior written approval by Seller for each specific product and application: (1) U.S. FDA Class II, Health Canada Class II or Class III, and/or European Union Class II Medical Devices; (2) film, overwrap and/or product packaging that is considered a part or component of one of the aforementioned Medical Devices; (3) packaging in direct contact with a pharmaceutical active ingredient and/or dosage form that is intended for inhalation, injection, intravenous, nasal, ophthalmic (eye), digestive, or topical (skin) administration; (4) tobacco related products and applications; (5) electronic cigarettes and similar devices; and (6) pressure pipe or fittings that are considered a part or component of a nuclear reactor.
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All references to U.S. FDA, Health Canada, and European Union regulations include another country's equivalent regulatory classification.

Users should review the applicable Material Safety Data Sheet before handling the product.

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