Hostacom PF231-4C

Compounded Polyolefin

Product Description

Hostacom PF231-4C conventional melt flow, 2,400 MPa flexural modulus, precolored, 35% calcium carbonate filled polypropylene homopolymer has a good balance of properties and processability. Typical applications include lawn and garden irrigation components.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO ASTM
Availability	North America
Processing Methods	Injection Molding
Features	Good Flow, Homopolymer, Good Impact Resistance , High Rigidity , Good Stiffness
Typical Customer Applications	Other Industrial

Typical Properties	Method	Value	Unit
Physical			
Density -Specific Gravity	ASTM D 792	1.18	sp gr 23/23°C
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	5.00	g/10 min
Mechanical			
Flexural Modulus	ASTM D 790	2000	MPa
Tensile Strength @ Yield	ASTM D 638	24.8	MPa
Tensile Strength @ Break	ASTM D 638	15.9	MPa
Tensile Elongation @ Yield	ASTM D 638	4.0	%
Tensile Elongation @ Brk	ASTM D 638	50	%
Impact			
Notched Izod Impact (23 °C)	ASTM D 256	37.4	J/m
Gardner Impact	ASTM D 5420	36.2	J
Hardness			
Rockwell Hardness (R-Scale)	ASTM D 785	93	
Thermal			
DTUL @66psi - Unannealed	ASTM D 648	95.0	°C

Notes

Typical properties; not to be construed as specifications.

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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.lyb.com/.

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

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