

Hostalen PP H5416K

Random copolymer



Product Description

Hostalen PP H5416K is a natural, nucleated polypropylene random copolymer manufactured by PolyMirae using spheripol process licensed by Lyondellbasell. This product is suitable for extrusion applications like pipe with high melt viscosity, heat resistance and extraction stability. Hostalen PP H5416K meets the FDA requirement in the Code of Federal Regulations in 21 CFR 177.1520 for food contact.

Features	High stiffness and balanced toughness/ Long term thermal stability/ Chemical resistance
Market	Industrial & Pipe
Application	Industrial pipe & sheet/ Heating & cooling plumbing

ASTM Data

Typical Properties	Nominal Value	Units	Test Method
Melt Flow Rate (230°C, 2.16kg)	0.3	g/10 min	ASTM D1238L
Density	0.9	g/cm ³	ASTM D1505
Flexural Modulus	8500	kg/cm ²	ASTM D790
Tensile Strength at Yield	270	kg/cm ²	ASTM D638
Elongation at Yield	10	%	ASTM D638
Izod Impact Strength (23°C)	23	kgcm/cm	ASTM D256
Vicat Softening Point	123	°C	ASTM D1525
HDT (0.46 N/mm ²)	83	°C	ASTM D648

1) The above values are typical property values for reference only not be construed as specification limits.

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- iii. life-sustaining medical applications; or
- iv. lead, asbestos or MTBE related applications.

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- iv. packaging in direct contact with an active pharmaceutical ingredient and/or dosage form that is intended for inhalation, injection, intravenous, nasal, ophthalmic (eye), digestive, or topical (skin) administration;
- v. tobacco related products and applications;
- vi. electronic cigarettes and similar devices; or
- vii. pressure pipe or fittings that are considered a part or component of a nuclear reactor

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