

Moplen EP310JHP

Block copolymer



Product Description

Moplen EP310J HP is a heterophasic copolymer designed for retort film applications. The main features of Moplen EP310J HP are good balance with impact resistance and stiffness, good clarity and low organoleptic property. Moplen EP310J HP is suitable for food contact.

Features	Optimized balance of stiffness and toughness/ High gloss
Market	Flexible Packaging, Consumer Products
Application	CPP film/ Retort film/Injection

ASTM Data			
Typical Properties	Nominal Value	Units	Test Method
Melt Flow Rate (230°C,2.16kg)	3	g/10 min	ASTM D1238L
Density	0.9	g/cm3	ASTM D1505
Flexural Modulus	14000	kg/cm2	ASTM D790
Tensile Strength at Yield	300	kg/cm2	ASTM D638
Elongation at Yield	11	%	ASTM D638
Izod Impact Strength (23°C)	NB	kgcm/cm	ASTM D256
HDT (0.46 N/mm²)	105	°C	ASTM D648

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

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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
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