TECHNICAL DATA SHEET

HM120A

POLYPROPYLENE HOMOPOLYMER

INJECTION MOULDING

Product Description:

HP Durapol HM120A is a Polypropylene Homopolymer having exceptional processability with optimal cycle time & excellent aesthetics. HM120A is suitable for producing General Purpose Injection Moulding, Furniture and Houseware articles.

Product Characteristics:

- Good dimensional stability
- Optimum flow for easy processing
- Good stiffness
- Anti-static property

Recommended Applications:

PP Homopolymer HM120A is recommended for Injection Moulded products like Household articles, Caps & Closures, Furniture, Rigid Packaging and Compounding.

Typical Properties:

Tested Properties	Test Method	UOM	Values*
Melt Flow Rate (230°C/2.16 kg)	ASTM D1238	gm/10 min	12
Tensile Strength @ Yield	ASTM D638	MPa	33
Tensile Elongation @ Yield	ASTM D638	%	10
Flexural Modulus	ASTM D790	MPa	1470
Notch Izod Impact Strength (23°C)	ASTM D256	J/m	24
Heat Deflection Temperature (0.46 N/mm²)	ASTM D648	°C	95

(*) Data is typical value and is not intended for specification purpose. Values may change without any intimation.

Handling and Storage:

Prevent PP Material from direct exposure to sunlight & heat to avoid quality deterioration. The storage location should be dry, dust free and the storage temperature should not exceed 50°C. Non - compliance to these precautionary measures can lead to degradation of the product causing colour changes, odor & inadequate product performance. It is advised to process PP material within 6 months after delivery.

Regulatory Information:

For regulatory compliance information, please contact us at Petrochemical.Marketing@hpcl.in

Packaging Information:

This material is packed and available in raffia bags with net content of 25 kgs only. The raffia bag used conforms to the minimum strength requirements of BIS, however customer shall take due care while handling the bag. Prolonged exposure of these bags to sunlight may deteriorate the bag's performance and cause spillage and wastage. HPCL does not warranty loss of material due to poor material handling practices.

Disclaimer:

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