

DaelimPoly PP UH450J

Homopolymer



Product Description

DaelimPoly UH450J is the polypropylene homopolymer manufactured by Ulsan PP under the license of Lyondellbasell using the Spheripol process. DaelimPoly UH450J is a homopolymer typically used by customers in Raffia and Yarn applications.

Features	Good processability/ Stretchability/ High tenacity
Market	Textile, Consumer Products
Application	Textile Yarn/ Raffia

ASTM Data				
Typical Properties	Nominal Value	Units	Test Method	
Melt Flow Rate (230°C,2.16kg)	3.3	g/10 min	ASTM D1238L	
Density	0.9	g/cm3	ASTM D1505	
Flexural Modulus	15500	kg/cm2	ASTM D790	
Tensile Strength at Yield	370	kg/cm2	ASTM D638	
Elongation at Yield	11	%	ASTM D638	
Izod Impact Strength (23°C)	4	kgfcm/cm	ASTM D256	
Rockwell Hardness	110	R-Scale	ASTM D785	
Vicat Softening Point	153	°C	ASTM D1525	
HDT (0.46 N/mm²)	104	°C	ASTM D648	

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

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- 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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