



Jampilen HP502P

Homopolymer

Description: "Jampilen HP502P" is a homopolymer with good flow properties and medium molecular weight distribution intended for fiber extrusion applications.

"Jampilen HP502P" has a high fluidity and best suits for the production of staple fibers, bulk continuous filaments (BCF) and continuous filaments (CF). It contains a general purpose formulation of additives with no antigasfading additivation.

Processing Method: Fiber Extrusion

Features: Good Flow Properties
Consistent processability
Medium Molecular Weight Distribution
Homopolymer

Typical Applications: BCF and CF Yarns
Staple fibers

TYPICAL PROPERTIES	VALUE	UNIT	METHOD
Physical			
Melt Flow Rate (230 °C, 2.16kg)	17	g/10min	ASTM D1238
Density	0.9	g/cm ³	ASTM D1505
Mechanical			
Flexural Modulus	1550	MPa	ASTM D790
Tensile Strength at Yield	33	MPa	ASTM D638
Tensile Elongation at Yield	12	%	ASTM D638
Izod Impact Strength (notched) at 23 °C	30	J/m	ASTM D256
Rockwell Hardness	103	R Scale	ASTM D785
Thermal			
Vicat softening point (10N)	154	°C	ASTM D1525
H.D.T. (0.46 Mpa)	95	°C	ASTM D648
Accelerated oven ageing in air at 150 °C	360	hours	ASTM D3012

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