

PP 520L

PP Homopolymer for tubular water quenched film

Product Description

PP 520L is specially developed for tubular water quenched blown film applications with suitable dosage of slip and antiblock additives.

Films produced using PP 520L has following features:

- Consistent processability
- Good optical properties
- High Melt Strength
- Excellent runnability on bagging and sealing machines

Typical Applications

PP 520L can be used for producing garment, textiles, magazine covers and for food packaging.

Typical data

Properties	Unit	Value ⁽¹⁾	ASTM Method
Resin Properties			
Melt Flow Rate @ 230°C & 2.16 kg load	g/10 min.	10	D 1238
Density @ 23°C	kg/m ³	905	D 792
Mechanical Properties ⁽²⁾			
Tensile Strength @ Yield	MPa	35	D 638
Tensile Elongation @ Yield	%	10	D 638
Flexural Modulus (1% Secant)	MPa	1600	D 790A
Notched Izod Impact Strength @ 23°C	J/m	23	D 256
Rockwell Hardness, R-Scale	-	102	D 785
Thermal Properties ⁽²⁾			
Vicat Softening Point	°C	155	D 1525B
Heat Deflection Temperature @ 455 KPa	°C	105	D 648

(1) Typical values; not to be construed as specification limits.

(2) Based on injection molded specimens.

Processing Conditions

Average extrusion temperature range may be kept at 205 - 215°C

Food Regulation

PP 520L is suitable for Food contact application. Detailed information is provided in relevant Material Safety Datasheet and for additional specific information please contact SABIC local representative for certificate.

Storage and Handling

PP resin should be stored to prevent a direct exposure to sunlight and/or heat. The storage area should also be dry and preferably don't exceed 50°C. SABIC would not give warranty to bad storage conditions which may lead to quality deterioration such as color change, bad smell and inadequate product performance. It is advisable to process PP resin within 6 months after delivery.

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