

PP HP552R

POLYPROPYLENE HOMOPOLYMER

REGION CHINA

DESCRIPTION

PP HP552R is a polypropylene homopolymer suitable for extrusion applications. HP552R is used for the production of continuous filaments and fine denier staple fibres. Typical applications are carpets and nonwovens.

TYPICAL APPLICATIONS

HP552R is typically used in filament yarn; geotextile & agriculture; hygiene nonwoven.

TYPICAL PROPERTY VALUES

Revision 202212

Product Property		Specification	Typical Value	Test Method
Appearance	Colored pellets number of pellets/kg	≤ 10	0	SH/ T1541
	Small and Large pellets , g/kg	≤ 60	1	
Melt Flow Rate (2.16kg), g/10min)		20.0~30.0	25.0	GB/T 3682.1
Tensile Strength at Yield, Mpa		≥ 30.0	34	GB/T 1040.2
Flexural modulus, Mpa		≥ 1000	1400	GB/T 9341
Izod impact strength notched, at 23°C KJ/m2		Actual	2.0	GB/T 1043.1
Yellow Index		≤ 2.0	-3.0	HG/T 3862
Isotactic Index		≥ 95.0	97.2	GB/T 2412
Ash, %		Actual	0.0125	GB/T 9345.1

PROCESSING CONDITIONS

Typical processing conditions for HP552R are: Average extrusion temperature range may be kept at 210 - 250°C.

HEALTH, SAFETY AND FOOD CONTACT REGULATIONS

The product mentioned herein is in particular not tested and therefore not validated for use in pharmaceutical/ medical applications

STORAGE AND HANDLING

Polypropylene resin should be stored in a manner to prevent a direct exposure to sunlight and/or heat. The storage area should also be dry and preferably do not exceed 50°C. we 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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