DaelimPoly UH552R

Homopolymer

Product Description

DaelimPoly UH552R is the polypropylene homopolymer manufactured by UlsanPP under the license of Lyondellbasell using the Spheripol process. DaelimPoly UH552R is typically used by customers in high speed production of staple fiber. DaelimPoly UH552R resin meets the FDA requirements in the Code of Federal Regulations in 21 CFR 177.1520 for food contact.

Features	Good spinnability/ Good drawability/ Anti-gas fading
Market	Textile
Application	Staple fiber for diaper/ Multi-filament/ BCF/ Automobile interior part/ Master-batch base resin

ASTM Data

Typical Properties	Nominal Value	Units	Test Method
Melt Flow Rate (230℃,2.16kg)	25.5	g/10 min	ASTM D1238L
Density	0.9	g/cm3	ASTM D1505
Flexural Modulus	15000	kg/cm2	ASTM D790
Tensile Strength at Yield	380	kg/cm2	ASTM D638
Elongation at Yield	12	%	ASTM D638
Izod Impact Strength (23℃)	3	kgfcm/cm	ASTM D256
Rockwell Hardness	104	R-Scale	ASTM D785
Vicat Softening Point	152	℃	ASTM D1525
HDT (0.46 N/mm²)	106	℃	ASTM D648

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