

**PETROPLAST  
JALILVAND.CO**



**петропдосте жалилванд  
компания**

Exclusive Representative of selling shazand

Petrochemical Products in uzbekistan

## TECHNICAL SPECIFICATION

### *Polypropylene – Homopolymer - Filber*

<b>Grade</b>	ZH552R
<b>Properties</b>	ZH552R is suitable for low denier staple fibers for nonwoven fabrics, as well as production of continuous filament with medium tenacity and bulk continuous filaments. This grade exhibits excellent anti gas fading properties.
<b>Application</b>	Carpets, upholstery, sportswear, straps, safety, diapers and sport bags.

<b>Typical Properties</b>	<b>Test Method</b>	<b>Unit</b>	<b>Spec.</b>
MFI (230°C, 2.16kg)	ASTM D1238	gr/10min	25±3
Vicat Softening Point (9.8N)	ASTM D1525	°C	152±4
HDT (0.46MPa)	ASTM D648	°C	94±8
Flexural Modulus	ASTM D790	MPa	1500±150
Tensile Strength at Yield	ASTM D638	MPa	32±4
Elongation at Yield	ASTM D638	%	13±3
Notched Izod Impact at 23°C	ASTM D256	J/m	30±3
Rockwell Hardness (R - B Scale)	ASTM D785	R - B	100±20

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