



## Polypropylene **HP552R** (Fibre)

Typical Properties	Test Method (ASTM)	Unit	Value
MFR @ 230°C , 2.16 Kg	D1238/L	gr/10min	25
Flexural Modulus	D790	Mpa	1500
Notched Izod Impact @ 23°C	D256	J/m	30
Tensile Strength @ Yield	D638	Mpa	32
Elongation @ Yield	D638	%	13
Vicat Softening Point , 10N	D1525	°c	152
HDT ( 0.46 N/mm <sup>2</sup> )	D648	°c	94
Rockwell Hardness	D785	R.Scale	100
Oven Ageing @ 150°C	D3012	Hours	150

➤ Values shown are averages & are not to be considered as product specifications.

### Main Applications:

**HP552R** is a high melt flow homopolymer for the production of CF, BCF & staple fibres at medium to high spinning speeds. **HP552R** exhibits excellent anti gas-fading properties.

**HP552R** is suitable for low denier staple fibres for nonwoven fabrics, diapers, medical-sanitary applications & wipes.

Another typical application is high tenacity continuous filament for straps for backpacks, sport bags, bulk bags & for safety belts.

Continuous filament with medium tenacity is used for upholstery & sportswear.

**HP552R** is also suited for the production of bulked continuous filament for carpets.

\* **HP552R** is suitable for food contact.