



Moplen HP552R

Polypropylene Homo Polymer

Product Description

Moplen HP552R is a high melt flow homo-polymer polypropylene for the production of CF, BCF and staple fibres at medium to high spinning speeds.

Moplen HP552R with an excellent anti-gas fading package offers a high homogeneity, stable extrusion and excellent processability on both short and long spinning lines. This grade allows a high stretch ratio and gives tough and resilient fibres.

Applications

- Moplen HP552R is suitable for low denier staple fibres for non-woven fabrics, diapers, medical- sanitary applications and wipes.
- Another typical application is high tenacity continues filament for straps for backpacks, handles for big bags and safety belts.
- Continues filament with high tenacity is used for upholstery, sportswear and heavy duty clothing.
- Moplen HP552R is also suited for the production of bulked continues filament for hermobonding and carpet face yarns.
- Moplen HP552R is suitable for food contact.

TYPICAL PROPERTIES	UNIT	TYPICAL VALUE	TEST METHOD (ASTM)
MFR @230°C, 2.16 KG	gr/10min	25	D1238/L
FLEXURAL MODULUS	MPa	1500	D790
NOTCHED IZOD IMPACT@23°C	J/m	30	D256
TENSILE STRENGTH@YIELD	MPa	32	D638
ELONGATION@YIELD	%	13	D638
VICAT SOFTENING POINT,10N	°C	152	D1525
HDT(0.46N/MM2)	°C	94	D648
R°CKWELL HARDNESS	R Scale	100	D785
OVEN AGING@150°C	Hours	150	D3012

Producer: Arak Petrochemical Co.

Packing: 25 Kg plastic bag

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