

FB552R

Polypropylene, Homopolymer

Product Description

FB552R is suitable for extrusion applications. It is formulated with an anti-gasfading stabilisation package. FB552R is designed for the production of continuous filaments (CF), bulk continuous filaments (BCF) and fine denier staple fibres. Typical applications are carpets and nonwovens.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe, Africa-Middle East
Processing Method	Continuous Filament/Spinning, Staple Fibre
Features	Gas-fading Resistant, Homopolymer, Good Processability
Typical Customer Applications	Bulk Continuous Filament & Continuous Filament, Nonwoven Staple Fibres, Staple Fiber, Filament Yarn, Hygiene Nonwoven, Wipes/Tissues

Typical Properties	Method	Value	Unit
Physical			
Melt flow rate (MFR) (230°C/2.16kg)	ISO 1133	25	g/10 min
Melt volume flow rate (230°C/2.16 kg)	ISO 1133	34	cm ³ /10min
Mechanical			
Tensile modulus	ISO 527	1500	MPa
Thermal			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	97	°C
Vicat softening temperature	ISO 306		
(A50 (50°C/h 10N))		153	°C
(B50 (50°C/h 50N))		92	°C

Notes

The values given in this technical data sheet are the results of tests carried out in accordance with standard test procedures. They are given as indication to enable customers to make the best use of our products but must be considered as average values provided without implying any undertaking on our part.

Typical properties; not to be construed as specifications.