

# Egyeuroptene PP 5525

Polypropylene Homopolymer

Egyptian European Company

## Message:

Egyeuroptene PP 5525 Improved Polypropylene, Homopolymer. Suitable for extrusion applications. It is formulated with an anti-gasfading stabilization package.

PP 5525 is designed for the production of continuous filaments (CF), bulk continuous filaments (BCF) and fine denier staple fibers. Typical applications are carpets and non-woven.

General Information	
Additive	Anti-gas fading
Features	Gas-fading Resistant
	Good Processability
	Homopolymer
Uses	Fibers
	Yarn
Processing Method	Continuous Filament/Spinning
	Extrusion

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	25	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	34.0	cm <sup>3</sup> /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1500	MPa	ISO 527-2
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	97.0	°C	ISO 75-2/B
Vicat Softening Temperature			
--	153	°C	ISO 306/A50
--	92.0	°C	ISO 306/B50

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