Capilene® S 89 E

Polypropylene Homopolymer

Carmel Olefins Ltd.

Message:

CAPILENE S 89® E is a medium melt flow rate polypropylene homopolymer suitable for fibers. It is formulated with an anti-gasfading stabilization package and is characterized by easy processability, good melt stability and excellent spinning performance.
CAPILENE S 89 E® is suitable for gasfading resistance continuous filaments (BCF & CF), for gasfading resistance staple fibers and injection molding of household articles, closures, crates, containers and garden furniture.

General Information	
Features	Gas-fading Resistant Good Processability High Melt Stability Homopolymer Medium Flow
Uses	BCF Yarn Closures Containers Crates Fibers Filaments Furniture Household Goods Lawn and Garden Equipment
Agency Ratings	EC 1907/2006 (REACH)
Forms	Pellets
Processing Method	Fiber (Spinning) Extrusion Filament Winding Injection Molding

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	17	g/10 min	ISO 1133
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress (Yield)	32.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	11	%	ISO 527-2/50
Flexural Modulus [1]	1400	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact Strength (23°C)	2.3	kJ/m^2	ISO 180

Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	80.0	°C	ISO 75-2/B
Vicat Softening Temperature	155	°C	ISO 306/A

NOTE			
1.	5.0 mm/min		

Recommended distributors for this material

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