



# POLYNAR CO.

## Polymer Product

Application	Isotactic Index	VT	ASH	HDT(0.46 MPA)	Flexural Modulus	Izod Impact	Elongation	Tensile Strength	Softening Point	Density	MFI	Grade
	%	%	PPM	°C	N/mm2	J/m	%	J/m	°C	g/cm <sup>3</sup>	g/10min	Unit
Textile Film Yarn, Carpet Backing, Woven Bags, Automotive Items	95-100	0.25	150-350	92-98	1500-1600	45-55	9-12	34-36	153	0.9	2-3.5	P-SIF-030
Ropes, Twines, Seats, Toys, Automotive Industry	95-100	0.25	150-350	92-98	1450-1580	45-55	9-12	33-35	153	0.9	3.5-5	P-F-040
Ropes, Twines, Bags, Heavy Duty Jumbo Bag, Brush & Broom Filling	95-100	0.25	150-350	92-98	1450-1580	28-40	9-12	34-36	153	0.9	5-7.5	P-SF-060
Household Articles, Toys, Automotive Industry	95-100	0.25	150-350	90-96	1500-1600	25-40	9-12	34-36	154	0.9	7.5-9	P-SI-080
Food Containers, Toys, Garden Furniture, Automotive Industry	95-100	0.25	150-350	92-98	1500-1600	30-45	9-12	34-36	154	0.9	9-10.5	P-FI-090
Cool Boxes, Flower Pots, Closures, Caps, Crates, Toys, 3-Part Syringes, Garden Furniture, Food Containers	95-100	0.25	150-350	92-98	1350-1500	28-40	9-12	33-36	155	0.9	10.5-14	P-FI-110
BCF & CF Yarn, Staple Fibers, Carpet, Diapers, Medical Disposables, Wipes & Other Applications Include Filters & Fabrics For The Automotive, Clothing & Furniture Industry	95-100	0.25	150-350	92-98	1500-1600	25-35	9-12	32-35	146	0.9	14-17	P-FI-160
Nonwoven Staple Fibers, Over Stock For Diapers, Incontinence Pads, Filters & Fabrics For the Clothing & Furniture Industry, Fine Denier Filaments For Carpet Face Yarn, Multifilament Yarns	95-100	0.25	150-350	92-98	1500-1600	25-35	9-12	32-36	153	0.9	17-20	P-YI-180
Wipes & Tissues, Straps For Backpacks, Sport Bags, Bulk Bags & For Safety Belts Upholstery & Sportswear, Bulk Continuous Filament For Carpets	95-100	0.25	150-350	92-98	1550-1650	25-35	9-12	34-36	150	0.9	20-24	P-YI-220
Nonwoven Fabrics For Surgical Garments, Geotextiles, Diapers, Medical-Sanitary Applications, Wipes & Tissues, Straps For Backpacks, Sport Bags, Bulk Bags & For Safety Belts Upholstery & Sportswear, Bulk Continuous Filament For Carpets, Nonwoven Staple Fiber, Hygiene Nonwoven	95-100	0.25	150-350	90-98	1450-1580	20-35	9-12	32-35	152	0.9	24-28	P-YI-250
Thin-Walled Packaging in the cosmetic & Food Industry, High Speed Melt Spinning Processes & Multifilament Yarns Like Bulk Continues Filament (BCF) & Continuous Filament (CF) Fibbers	95-100	0.25	150-350	90-98	1450-1580	20-30	9-12	31-34	154	0.9	28-32	P-YI-300
BCF For Carpet Face Yarns, High Tenacity CF For Straps for backpacks, Handles For Big Bags & Safety Belts, Upholstery & Heavy Duty Clothing	95-100	0.25	150-350	90-98	1400-1550	20-30	9-12	31-34	152	0.9	32-38	P-YI-350