

TYPICAL APPLICATIONS

- ◆ Suitable for extrusion applications
- ◆ Production of bulk continuous filaments, continuous filaments, and staple fibers
- ◆ Specially used for carpet and upholstery applications

KEY CHARACTERISTICS

- ◆ Formulated with anti-gas-fading stabilization package

PROCESSING METHOD

Fiber (spinning) Extrusion, Bulk Filament Extrusion

QUALITATIVE

Test	Conditions	Method	Value	Unit
Basic				
<i>Melt Flow Rate (MFR)</i>	230°C/2.16 kg	ISO 1133	25	g/10-min
<i>Melt volume Flow Rate</i>	230°C/2.16 kg	ISO 1133	34	cm ³ /10-min
Mechanical				
<i>Flexural Modulus</i>		ISO 178	1,450	MPa
<i>Tensile Stress at Yield</i>		ISO 527-1, -2	32.0	MPa
<i>Tensile Strain at Break</i>		ISO 527-1, -2	> 50	%
<i>Tensile Strain at Yield</i>		ISO 527-1, -2	10	%
Thermal				
<i>Heat Deflection Temperature B</i>	0.45 MPa Un-annealed	ISO 75B-1, -2	77	°C
<i>Vicat Softening Temperature</i>	A50 (50°C/h 10N)	ISO 306	153	°C
<i>Vicat Softening Temperature</i>	B50 (50°C/h 50N)	ISO 306	87	°C

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