

RAMOLENE

FB118

"Homopolymer Fiber Grade for Staple Fiber and Multifilament Yarns"

Formulated to resist gas fading while maintaining excellent processing stability up to 250° C

Excellent processability and good physical properties necessary for fibers and multifilaments.

P	<u>Resin Properties *</u>	<u>Nominal Value</u>	<u>ASTM Method</u>
	Melt Flow, g/10 min.	18.0	D-1238 Condition "L"
O	Density, g/cc	0.905	D-1505
	Melting Point : F	330	DSC
L	C	165	
	<u>Mechanical Properties *</u>		
Y	Tensile Modulus, psi	240,000	D-638
	M Pa	1,650	
P	Flexural Modulus, psi	220,000	D-790
	M Pa	1,515	
R	Flexural Stiffness, psi	175,000	D-790
	M Pa	1,215	
O	<u>Fiber Properties, 1.5 dpf Multifilament</u>		
	Tenacity, g/denier	3.2	D-3218
P	Elongation, %	65	D-3218
Y	<u>Thermal Properties</u>		
	Heat Deflection Temp.,		
L	@66psi, °F (°C)	240 (115)	
	Softening Point, °C	150-155	

* Data developed under laboratory conditions and are not to be used as specification, maxim, or minim
** Samples processed at 6:1 draw ratio and 450 degrees F (232 degrees C) melt temperature.

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All tests were run under laboratory conditions, ASTM (where applicable) testing procedures. The data are intended as a general guide only and do not necessarily represent results that may be obtained elsewhere. The use of Ramtech's products must be guided by the user's own methods for selection of proper formulation. RAMTECH OVERSEAS, INC. disclaims any responsibility for misuse or misapplication of its products. Ramtech makes no warranty of merchantability and there is no warranty that goods supplied shall be fit for any particular purpose