

# RAMOLENE

# FB125

"Homopolymer Fiber Grade for Staple Fiber and Multifilament Yarns"

"Recommended for staple fibers and bulk continuous filament (BCF) yarns"

<b>P</b>	<b>Resin Properties(1)</b>	<b>Typical Value</b>	<b>ASTM Method</b>
<b>O</b>	Melt Flow, g/10 min.	25	D-1238 Condition L
<b>L</b>	Density, g/cc	0.905	D-1505
<b>Y</b>	Melting Point : °F	330	DSC(2)
<b>P</b>	°C	165	
<b>R</b>	<b>Mechanical Properties(1)</b>		
<b>O</b>	Tensile Modulus, psi	210,000	D-638
<b>P</b>	M Pa	1,450	
<b>R</b>	Flexural Modulus, psi	180,000	D-790
<b>O</b>	M Pa	1,240	
<b>P</b>	<b>Fiber Properties, 1.5 dpf Multifilament(1)(3)</b>		
<b>Y</b>	Tenacity, g/denier	3.0	D-3218
<b>L</b>	Elongation, %	60	D-3218
<b>E</b>			
<b>N</b>			
<b>E</b>			

(1) Data developed under laboratory conditions and are not to be used as specification, maxima or minima  
(2) MP determined with a DSC-2 Differential Scanning Calorimeter.  
(3) Samples processed at 450 °F(232 °C) extrusion temperature with 3.1 draw ration

- Excellent processability and good physical properties necessary for fibers and multifilaments
- Complies with all applicable FDA regulations for food contact
- Processes on conventional extrusion equipment with typical melt temperatures of 400-500 °F (204-260 °C)

**RAMTECH OVERSEAS, INC.**  
204 S. HOOVER BLVD. SUITE 230 Tampa, FL 33609  
Tel # (813) 287-2588 [www.ramtechcorp.com](http://www.ramtechcorp.com) Fax # (813) 287-1814

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