

# RAMOLENE

# PPC225

Impact copolymer with a Melt Flow of 25 g/10min.

PPC225 is characterized by a high fluidity offering a combination of ease of processing and good mechanical properties. Recommended for the manufacture of thin-walled containers and household articles.

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<u>Resin Properties</u>		<u>Typical Value</u>	<u>ASTM Method</u>
Melt Flow, g/10 min.		25	D-1238
Density, g/cm <sup>3</sup>		0.905	D-1505
Melting Range °C		160 - 165	
<u>Mechanical Properties(1)</u>			
Tensile Strength at Yield	M Pa	25	D-638
	psi	3,700	D-638
Elongation at Yield %		7	D-638
Flexural Modulus,	M pa	1,300	D-790
	psi	190,000	D-790
Izod Impact (Notched)			
@ 23° C	J/m	100.0	D-256
	ft-lb/in	1.9	
@ - 20° C	J/m	40.0	D-256
	ft-lb/in	0.8	
Charpy Impact Strength			
@ 23° C	kJ/m <sup>2</sup>	9.0	DIN 53453
@ - 20° C	kJ/m <sup>2</sup>	4	DIN 53453
<u>Thermal Properties</u>			
Vicat Softening Point, °C		148	D-1525
Heat Deflection Temperature °C		88	D-648

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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.