

# RAMOLENE

# PPC207

Nucleated Impact copolymer with a Melt Flow of 7 g/10min.

PPC227 is characterized by improved stiffness, creep resistance, high impact resistance, excellent antistatic properties. Formulated to allow faster cycling through early demolding. Developed for the injection molding of baskets, pailstays and furniture.

	<u>Resin Properties</u>	<u>Typical Value</u>	<u>ASTM Method</u>	
P O L Y P R O P Y L E N E	Melt Flow, g/10 min.	7	D-1238	
	Density, g/cm <sup>3</sup>	0.905	D-1505	
	Melting Range °C	160 - 165		
	<u>Mechanical Properties</u>			
	Tensile Strength at Yield	M Pa	27	D-638
		psi	3,800	D-638
	Elongation at Yield %		7	D-638
	Flexural Modulus,	M pa	1,400	D-790
		psi	200,000	D-790
	Izod Impact (Notched)			
	@ 23° C	J/m	150	D-256
		ft-lb/in	2.8	
	@ - 20° C	J/m	55	D-256
		ft-lb/in	1.1	
	Charpy Impact Strength			
	@ 23° C	kJ/m <sup>2</sup>	16	DIN 53453
	@ - 20° C	kJ/m <sup>2</sup>	6	DIN 53453
<u>Thermal Properties</u>				
	Vicat Softening Point, °C	152	D-1525	
	Heat Deflection Temperature °C	92	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