

RAMSHINE PS503

High Impact Polystyrene
Polyram Ram-On Industries

Message:
FLAME RETARDANT, HIGH IMPACT POLYSTYRENE FOR INJECTION MOULDING APPLICATIONS.

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.17	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	6.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.50 to 0.80	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1700	MPa	ASTM D638
Tensile Strength (Yield)	20.0	MPa	ASTM D638
Tensile Elongation (Break)	40	%	ASTM D638
Flexural Modulus	1600	MPa	ASTM D790
Flexural Strength	35.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	120	J/m	ASTM D256
Flammability	Nominal Value	Test Method	
Flame Rating			UL 94
1.60 mm	V-0		
3.00 mm	V-0		

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