

Foamcast Grade – SE350F

<p>Characteristics :</p> <ul style="list-style-type: none"> • High molecular weight • Very glossy surface finish • Low energy consumption • Fast moulding cycle • Small & consistent bead size • Appearance -Translucent Solid Beads • Blowing Agent(Pentane):-5-6% • Moisture Content:- 0.5-1% • Residue Monomer :-0.1-0.25% 	<p>Applications :</p> <ul style="list-style-type: none"> • Lost foam • Evaporative casting • Foundry casting • Suitable for casting of engine heads, marine motors, high-pressure pumps & valves etc <p>Features :</p> <ul style="list-style-type: none"> • Used for complex parts casting • Eliminates cores & parting lines • Casting of all shapes including curves or parts with changing thickness possible • Due to smoother finish of raw castings, reduces machining requirement drastically • No fold defects caused by entrapped polymer • As-cast tolerance of ± 0.0127 mm • Surface finish of 60-250 RMS possible 	
Material Status	Commercially Active	
Packing	25Kg PP Bag with PE Liner	
Property	Unit	Value
Bead Size >600 μ m	%	<1.5
Bead Size 355 – 600 μ m	%	> 80
Bead Size 250 – 355 μ m	%	< 20
Bead Size <250 μ m	%	<1.5
Thermal Conductivity	milli – Watts / m – $^{\circ}$ K	33.9
Coefficient of Linear Expansion	cm / cm / $^{\circ}$ C	6.3
Maximum Continuous Service Temperature	$^{\circ}$ C	80

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