

Foamcast Grade

Characteristics : <ul style="list-style-type: none"> • High molecular weight • Engineered for high densities of 45 kg/m³ • Very glossy surface finish • Low energy consumption • Fast moulding cycle • Small & consistent bead size 	Applications : <ul style="list-style-type: none"> • Lost foam • Evaporative casting • Foundry casting • Suitable for casting of engine heads, marine motors, high-pressure pumps & valves Features : <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 Range	mm	0.3 – 0.5
Appearance	-	Translucent Solid Beads
Residue Monomer	%	Approx. 0.1 – 0.25
Moisture Content	%	Approx. 0.5 – 1
Blowing Agent (Pentane)	%	5 – 6
Thermal Conductivity	milli – Watts / m – °K	33.9
Coefficient of Linear Expansion	cm / cm / °C	6.3
Maximum Continuous Service Temperature	°C	80

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