

Ecomass Compounds

Base Resin	ABS (Acculantitatile Butediane Sturene)	
Compound Type	(Acrylonitrile-Butadiene-Styrene) Ecomass [®] Compound - 705/706/720 Series - Moderate Density	
Processing Method		Injection Molding
	Process G	uidelines
Processing Conc	ditions	Material Drying
 Melt Temperature Range	 b) - 60C (120 - 140F) c) required c) - 80% of IP c) - 7 bar (50 - 100 psi) edium - Fast c) - 100 rpm c) - 5 cm/s (1 - 2"/s) ax. part weight c) required 	 Dryer Type(s) Dehumidifying Drying Temperature Range 85C (185F) Typical Drying Time¹ 2 - 4 hours target < 0.1% moisture Do Not Exceed 95C (200F), >3 hrs Dryer Dew Point30 to -40C Minimum Air Flow 0.8 - 1.0 CFM Properly Functioning Dessicant Beds Filters Volatiles Trap
Molding Machine Req Screw L/D	0:1 min. 5:1 min. boled everse taper ree flow 5 - 4.0 tons/in ² rrel & Check Ring aging and utilization of a dehumi	 Safety / Purging Maintain adequate ventilation. Wear safety glasses & protective clothing. Do not mix with other materials. Avoid excessive residence time in the barrel. (Purge if extended residence time is anticipated) Use extreme caution at melt temp. > 350C Purge with high viscosity HDPE or high temperature commercial purge compound as recommended.

Ecomass Technologies | 4101 Parkstone Heights Drive, Suite 380 | Austin, Texas 78746 | 512.306.0020