

CIMBAR

Performance Minerals

Crescent

CIMBAR's Crescent product line is a natural calcium carbonate ground to various particle size distributions. The calcium carbonate crystalline structure of Crescent products has a predominately spherical shape that is essentially crystalline silica free (less than 0.1%). These properties promote low abrasion to mixing and extrusion equipment while enhancing extrusion rates and overall productivity.

CIMBAR's commitment to quality is backed by statistical quality control, which is used to evaluate both the raw carbonate ore as well as the finished products.

TYPICAL PHYSICAL PROPERTIES				
Product Name:	Crescent 12 Fine	Crescent 35 Medium	Crescent 50 Coarse	
Moisture	.20Max	-	-	
Wet Screen %	99.0% 325 Mesh	40.Min- 95.Max Target 65.00 Passing 200 Mesh	40.Min.- 60.Max. Target 50. Passing 325 Mesh 10% Retained on 100 Mesh	
Calcium Carbonate	93.00Min.	93.00Min.	93.00 Min.	
Median Particle Size	8Min.- 17.00Max Target 10.00	16.00Min.- 24.00Max. Target 20.00	-	
Acid Solubility	98.00Min.	98.00Min.	98.00 Min.	

Applications:

Resins
PVC
Polyolefins
Paints and Coatings
Polyurethane
Putties

Rubber Compounds
Mastics
Patching Compounds
Tile Grouts/Caulks
Adhesives and Sealants
Drilling fluid/Oil field applications

CHEMICAL ANALYSIS	
Calcium Carbonate - CaCO ₃	97.82 %
Magnesium Carbonate – MgCO ₃	1.27 %
Aluminum Oxide – Al ₂ O ₃	0.18 %
Iron Oxide – Fe ₂ O ₃	0.08 %
Silicon Dioxide – SiO ₂	0.20 %
Magnesium Oxide - MnO	0.004 %