



Performance Minerals

PerformaFlex A – Next Generation talc for compounding

Cimbar Performance Minerals

Technical Data

Performaflex A -- Your Next Generation talc is the best grade available... the Whitest Color, Highest Aspect Ratio, High Surface Area and the Best Weight Reduction/Automotive-Light weighting properties. With multiple production plants strategically located around the world Cimbar's proprietary milling systems create unique talc products offering greater mechanical property benefits for all your compounding needs...this talc offers IMPROVED impact resistance, stiffness and flex too versus, competitive talcs available for compounding. For the best results choose PerformaFlex for a platy, hydrophobic non-abrasive talc that offers the best Performance in TPO, polypropylene, polyethylene and thermosets...ask for a sample today!

Product Description Typical Values	PerformaFlex	
	PerformaFlex A	PerformaFlex A D
Median Particle Size (microns)	0.9	0.9
Cilas @ 98% (Microns)	5.0	5.0
Aspect Ratio ASTM D281	30-34	36-40
Brightness CIE Lab L - Dry	97	97
Brightness CIE Lab L – Wet	75	75
Loose Bulk Density (lbs. /ft ³)	7	38
Tapped Density (lbs. /ft ³)	50	60

Typical Chemical Analysis		(WT) %
Silicon Dioxide	SiO ₂	60
Magnesium Oxide	MgO	30
Calcium Oxide	CaO	<1
Aluminum Oxide	Al ₂ O ₃	<1
Iron As	Fe ₂ O ₃	<1
Loss on Ignition	LOI	6.5

Typical Properties	
Specific Gravity	2.78
Moisture % (% weight loss @ 110 °C)	< 0.4
pH	8.0

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