



CLEAR-BLOC[®] 80, CLEAR-BLOC[®] 100 Antiblock Talcs

CLEAR-BLOC[®] 80 and 100 talcs are produced from high purity ore provides high brightness, clarity, low iron content, and low surface area for primary use as an anti-block additive in LDPE and LLDPE film applications where superior blocking, greater polymer stability and improved optical properties are required. CLEAR-BLOC[®] 80 and 100 talcs are platy, hydrophobic, non-abrasive, chemically inert and is suitable for food contact applications.

Property	Typical Values	
	CLEAR-BLOC 80	CLEAR-BLOC 100
Particle Size, D50 (microns)	3.8	2.8
Particle Size, D98 (micron)	28	21
Dry Color - CIE Lab (min)	96	96
Oil Absorption (gm oil/100 gm filler) (ASTM-D 281)	36	62
Bulk Density, Loose (lbs/ft ³)	18	45
Bulk Density, Tapped (lbs/ft ³)	45	70
Retained % on a 325 Mesh Screen	0.10%	0.10%

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

Typical Properties	
Specific Gravity	2.78
Moisture %	<0.3
pH	8.7

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