

Imerys Minspar[®],ç 200 Feldspar

Category : Ceramic , Clay , Feldspar Clay , Oxide , Silicon Oxide

Material Notes:

Minspar 200 is 200 mesh flotation grade soda Feldspar used in the ceramic whiteware industry for sanitaryware, dinnerware, floor and wall tile, artware and glazes. Information provided by Imerys

Order this product through the following link:

http://www.lookpolymers.com/polymer_Imerys-Minspar-200-Feldspar.php

Physical Properties	Metric	English	Comments
Bulk Density	0.705 g/cc	0.0255 lb/in ³	loose
	1.12 g/cc	0.0405 lb/in ³	packed
Brightness	94 %	94 %	Dry Brightness (Green Filter)
Particle Size	5.0 Åµm	5.0 Åµm	19% finer than
	10 Åµm	10 Åµm	40% finer than
	12 Åµm	12 Åµm	mean
	20 Åµm	20 Åµm	72% finer than
	30 Åµm	30 Åµm	87% finer than
Particle Mesh Size	20 Mesh	20 Mesh	0% retained
	30 Mesh	30 Mesh	0% retained
	40 Mesh	40 Mesh	0% retained
	100 Mesh	100 Mesh	trace retained
	140 Mesh	140 Mesh	trace retained
	170 Mesh	170 Mesh	0.1% retained
	200 Mesh	200 Mesh	0.3% retained
	325 Mesh	325 Mesh	3.6% retained
pH	8.7	8.7	
Specific Surface Area	0.90 - 1.2 m ² /g	0.90 - 1.2 m ² /g	

Mechanical Properties	Metric	English	Comments
Hardness, Mohs	6.0 - 6.5	6.0 - 6.5	

Optical Properties	Metric	English	Comments
Refractive Index	1.53	1.53	

Component Elements Properties	Metric	English	Comments
Al2O3	18.5 %	18.5 %	
CaO	1.5 %	1.5 %	
Fe2O3	0.060 %	0.060 %	
K2O	4.1 %	4.1 %	
Loss on Ignition(%)	0.30 %	0.30 %	
Na2O	6.5 %	6.5 %	
SiO2	68.6 %	68.6 %	

Processing Properties	Metric	English	Comments
Moisture Content	0.10 %	0.10 %	

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