

PRODUCT DATA SHEET

PROMAXON®- D

Synthetic Hydrated Calcium Silicate for friction applications

SPECIFIED PRODUCT PROPERTIES

Parameter	Value	Unit	Method
Average particle size d(50)	35-85	μm	Laser diffraction wet method*
Coarse particles % >254 µm	2.0 (max)	%	Laser diffraction wet method*
Moisture content	3.0 (max)	wt%	In house test procedure
Bulk density	85-130	Kg/m³	In house test procedure

^{*}Relevant to ISO13320

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TYPICAL CHEMICAL PRODUCT PROPERTIES

Chemistry**	SiO ₂	CaO	Fe ₂ O ₃	MgO	Al_2O_3
wt%	49.1	42.2	1.2	0.3	0.2

^{**} Test Method: Relevant to EN ISO 12677:2011

TYPICAL PRODUCT PROPERTIES

Parameter	Value	Unit	Method
Specific surface area	40	m²/g	BET
Colour	white		Visual appearance
Oil absorption	300	g/100g	ASTM D 281-31
Extract pH	9		In house test procedure
Specific density	2.6	g/cm³	He-pycnometer
Loss on ignition	7	wt%	In house test procedure

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