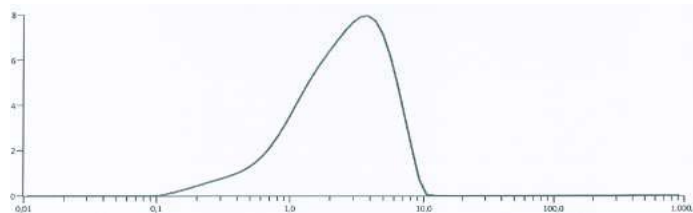


# Kukermite 8F - D7

## Technical data sheet

Kukermite is grinded and classified burnt shale. Characterized by uniform particle size and quality. It has increased thermal stability characteristics in polymers. Kukermite is a hydrophobic material. As a circle economy chain product is using of kukermite environmental friendly.

<b>MINERALOGY</b>	Kukermite		100%
	Appearance		slightly brownish fine powder
<b>CHEMICAL PROPERTIES</b>	CaO		34%
	SiO <sub>2</sub>		34%
	MgO		6%
	Al <sub>2</sub> O <sub>3</sub>		8%
	Fe <sub>2</sub> O <sub>3</sub>		5%
	pH value	(ISO 787/9)	12
<b>PARTICLE SIZE DISTRIBUTION (by Malvern)</b>	Top cut	(D97)	7µm
	Median size	(D50)	3µm
	10%	(D10)	1µm
	Specific surface area	BET (ISO 9277)	3800m <sup>2</sup> /kg
<b>OPTICAL PROPERTIES</b>	CIE L*, a*, b*	(DIN 6174)	61,3/4,9/13,5
	Colour	NCS catalogue	S 4010 Y30R
<b>PHYSICAL PROPERTIES</b>	Density	(ISO 787/10)	2,7g/cm <sup>3</sup>
	Packed bulk density	(ISO 787/11)	0,9g/cm <sup>3</sup>
	Moisture	(ISO 787/2)	0,2%
	Odour		odourless
	Oil absorption	(ISO 787/5)	14g oil/100g
	Solubility in water (20°C):		<1 g/l
	Melting point range		1100° C
	Decomposition temp.		above 700° C
	Hardness	(Mohs)	3



SALES: [info@mineralplast.com](mailto:info@mineralplast.com)

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This product does not contain detectable amounts of asbestos fibers as defined by the US Occupational Safety and Health Administration (OSHA) and the European Directive 83/477/EEC, when analyzed by conventional methods. The detection limit of the applied method of analysis is less than 0.1wt%. This statement is based upon verification by certified independent laboratories.



