

SETACCI MOLECOLARI Li 13 X



ANDREA GALLO DI LUIGI S.r.l.
azienda fondata nel 1892
Via Erzelli, 9 - 16152 Genova (Italy)
Tel. 010.650.29.41 - Fax 010.650.38.88
www.andreagalio.it

KÖSTROLITH® SX6K

Molecular sieve Köstrolith® SX6K is synthetic crystalline aluminosilicate with a regular micropore structure.

DESCRIPTION:	binder containing Faujasite type (FAU)
PORE SIZE:	9 Å (0.9 nm)
CHEMICAL FORMULA:	$\text{Li}_2\text{O} \cdot \text{Al}_2\text{O}_3 \cdot 2 \text{SiO}_2 \cdot n \text{H}_2\text{O}$

CHARACTERISTIC PROPERTIES

PROPERTY	METHOD	UNIT	SX6K 1.2 - 2 mm	SX6K 1.6 - 2.5 mm
beads size range - nominal, mm - approx. mesh size			1.2 - 2.0 10 x 16	1.6 - 2.5 8 x 12
bulk density (not compacted)	CWKM-104	g/l	620 - 660	620 - 660
attrition	CWKM-121	% m/m	max. 0.2	max. 0.2
crush strength	CWKM-108	N	min. 15	min. 25
moisture content (as delivered)	CWKM-408	% m/m	max. 0.6	max. 0.6
N ₂ Adsorption capacity, static, as delivered * (1000 mbar, 25 °C)	CWKM-405	cm ³ (STP)/g	min. 20.0	min. 20.0

* sample activated.

Special customer related specifications can be agreed.

APPLICATION

MACHINERY AND PLANT ENGINEERING: TECHNICAL GASES	Molecular sieve Köstrolith® SX6K is specially designed for oxygen enrichment by PSA and VPSA processes.
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PACKAGING

Following standard packaging is available:

- under inert gas in sealed steel drums of 216 l: 135 kg net

Further packaging available on request.

CERTIFICATES

CWK is certified according to ISO 9001, ISO 14001 and ISO 50001.