

LOOSEWOOL

Material: Saudi Rockwool Loose Wool

No #: SRW-LW

The product is made out of molten basalt rocks spun to fine fibrous. And treated to improve flexibility, water repellency and handling.

The Material is suitable for filling applications with good thermal and acoustical properties it complies with the requirements of ASTM C764 with the following Specifications:

DESCRIPTION

PACKING	BAG WEIGHT (KG)	ASTM CLASSIFICATION
Polyethylene bags	20 (about 0.3m ³)	Type II
PACKED DENSITY	80 (kg/m ³)	ASTM C167
THERMAL CONDUCTIVITY AT 0 °C FOR 100KG/M3	0.033 (W/m°C)	ASTM C177
OPERATING TEMPERATURE	650 (°C)	ASTM C411
FIBER DIAMETER	5-7	BS 2972 P.11
FIBER LENGTH	15 to40mm	Adjustable
MOISTURE CONTENT	<0.1	BS 2972, Section 11
ORGANIC MATTER CONTENT	< 0.2%	BS 2972, Section 16
COLOUR	Yellowish	
SHOT CONTENT	<25 % (Weight %)	BS 2972, Section 14
COMBUSTIBILITY	Noncombustible	EN ISO 1182
FLAME SPREAD INDEX	0	ASTM E84
SMOKE DEVELOPED	0	ASTM E84
CORROSIVENESS	Non corrosive	ASTM C871 ASTM C795
WATER VAPOR SORPTION	<1 (Weight %)	ASTM C1104
PH	8-9	BS 2972, Section 22
FUNGI RESISTANCE	Does not encourage Fungi Growth	ASTM C1338
NOISE REDUCTION COEFFICIENT (NRC)	0.75 for 1" thickness 0.95 for 2" thickness	ASTM C423

Saudi Rockwool Factory

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