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OLYMPUS
Marketing, Inc.

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Poly Klear
FIBERGLASS + RESIN

MATERIAL SAFETY DATA SHEET

ACM E-GLASS FILAMENT WINDING ROVING

Section 1: PRODUCT IDENTIFICATION

C.A.S. NUMBER : 65999-17-3

COMMON NAME : ACM E-GLASS FILAMENT WINDING ROVING

PRIMARY USAGE : FOR REINFORCEMENT

Section 2: INGREDIENTS NOMINAL VALUES

E-GLASS (ALKALI CONTENT) : Less than 0.80 %

Combustible : 0.35-0.75 %

Section 3: PHYSICAL DATA

BOILING POINT : N.A.

%VOLATILE BY VOLUME : NONE

MELT POINT : N.A.

VAPOR DENSITY : N.A.

%SOLUBILITY (H2O) : NEGLIGIBLE

SPECIFIC GRAVITY-FILAMENT : 2.3G/CM3

VAPOR PRESSURE : N.A.

APPEARANCE : white, clean

ODOR : NONE

Section 4: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT AND METHOD : N.A.

FLAMMABLE LIMITS LET : N.A.

FLAMMABLE LIMITS VEL : N.A.

EXTINGUISHING MEDIA : USE WATER AND FOAM ONLY THE PACKAGING BURNS

SPECIAL FIRE FIGHTING PROCEDURES : N.A.

UNUSUAL FIRE AND EXPLOSION HAZARD : N.A.

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Section 5: HEALTH EFFECTS

HANDLING OF GLASS FILAMENTS MAY CAUSE TEMPORARY SKIN, EYE AND UPPER RESPIRATORY IRRITATION.

Section 6: EMERGENCY AND FIRST AID PROCEDURES

UPPER RESPIRATORY IRRITATION : REMOVE FROM EXPOSURE
SKIN CONTACT : CLEANSE WITH SOAP AND WARM WATER
EYE CONTACT : FLUSH WELL WITH RUNNING WATER FOR 10 MINUTES

Section 7: SPECIAL PROTECTION INFORMATION

USE GLASSES, GLOVES AND LOOSE FITTINGS TO AVOID TEMPORARY IRRITATION

Section 8: REACTIVITY

THIS IS A STABLE MATERIAL

Section 9: TRANSPORTATION AND DISPOSAL INFORMATION

GLASS FILAMENT PRODUCTS ARE NOT CONSIDERED AS DANGEROUS ACCORDING TO TRANSPORTATION REGULATIONS AND ARE THEREFORE SUBJECT TO NO SPECIAL PROCEDURE.

MAINTAIN IN ORIGINAL PACKAGING.

Section 10: SPILL LEAK AND DISPOSAL INFORMATION

SPILL AND LEAKS : N.A.
WASTE DISPOSAL : SCRAP MATERIAL SHOULD BE DISPOSED OF IN A SANITARY LANDFILL IN ACCORDANCE WITH LOCAL GOVERNMENT REGULATIONS

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TECHNICAL DATA SHEET

ACM E-GLASS FILAMENT WINDING ROVING

A single end of E-glass continuous fiber. Utilized in filament and pultrusion. They are compatible with unsaturated polyester (UP), Vinylester (VE), Epoxy (EP). It is equally suitable as a weaving roving.

PROPERTIES

1. Silane coupling agent
2. Adopting special designed sizing, rapid wet out, no catenary, even tension
3. Good abrasion resistance, low fuzz during manufacturing process
4. Bring high mechanical strength to composites

TECHNICAL CHARACTERISTICS

Liner weight (Tex/yeild)	Filament Diameter (um)	Loss on ignition (%)	Moisture (%)	Application
&(33.+&+	&4			
(+33.(34	(+	0.55±0.15	≤ 0.10	FW/ Weaving
+533.&3)	(+			

PACKAGE

The roving is wrapped by shrinking packing, then put into pallets or carton box. 48 rolls or 64 rolls each pallet, each roll weight 15-18 Kgs.

PALLET SIZE

Roll weight (Kg)	Normal roll size (mm)	Rolls per pallet	Pallet size (mm)	Net weight (Kg)
15-18	Exter Dia Inter Dia Height	+5	&&(3?&&(3?@+3	720-864
15-18	(53 152/162 260	:+	&&(3?&&(3?&(33	960-1152

STORAGE

If no special requirements, it should be stored in cool and dry place. Don't open the package before using to prevent absorbing moisture.

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