

EM3055R-L NO CLEAN FLUX

DESCRIPTION

EM3055R-L Halogen free* modified rosin base no clean flux consisting of modified rosin blended with a solvent system exhibiting excellent wetting power. The modified rosin used is of extra high purity and free from conductive contaminants. Performs well with high density mounting chips and through hole components.

APPLICATION

EM3055R-L is formulated for use in foaming, spraying, dipping and brushing technique. Recommended topside preheat temperature is 100-120 °C.

PHYSICAL PROPERTIES AND RELIABILITY DATA

PHYSICAL PROPERTIES AND RELIABILITY DATA	SPECIFICATION	TEST METHOD	RESULT (TYPICAL)
Flux Type	-	-	Halogen Free* No Clean
Class Type	Refer to J-STD-004	-	ROLO
Color / Appearance	-	-	Transparent Light Yellowish Liquid
Odor	-	-	Alcohol
Flash Point (T.O.C.)	-	-	18 °C
Specific Gravity@25°C	-	-	0.800 ± 0.005
Solid Content	-	J-STD-004, IPC-TM-650, Method 2.3.34	6.0 ± 2.0 %
Halide Content (%) (Chloride and Bromide)	Max 0.0%	JIS Z 3197, Method 8.1.4.2.1	0.00 %
Acid Value	-	J-STD-004, IPC-TM-650, Method 2.3.13	18.0 – 24.0 mg KOH/g
Corrosion Test	-	J-STD-004, IPC-TM-650, Method 2.6.15	Pass
SIR, IPC (Typical) 85°C / 85% RH After 168 hours	Min 1 x 10 ⁸ Ω	J-STD-004, IPC-TM-650, Method 2.6.3.3	≥ 1 X 10 ¹⁰ Ω

* Halogen free as per specification of the standard IPC 4101B, IEC 61249-2-21 and JPCA-ES01

The information and statements herein are believed to be reliable but are not to be construed as a warranty or representation for which we assure legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. No warranty of fitness for a particular purpose is made. Properties are typical and not to be used as specifications.

THINNING

EM3055R-L does exhibit some evaporation under normal operating conditions and in order to restore it to its original specific gravity, thinner should be used.

PACKING

Available in 25 litres carboy or 200 litres drum.

STORAGE

EM3055R-L flux is alcohol-based and is flammable. Store away from sources of ignition.

HEALTH AND SAFETY

Refer to the MSDS for guidance on safety and health issues.

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