

Plasthane – 13 OCF SPRAY

Plasthane – 13 OCF SPRAY is a low density, open cell, semi rigid, water blown spray foam. This system is a non-structural insulation foam.

Plasthane – 13 OCF SPRAY conforms to the requirements of AS/NZS 1530.3 – 1999 Part 3 specifically Ignitability, Flame Propagation, Heat Release and Smoke Release. Test Report 20-002701 (dd 4 June 2020) available upon request.

Plasthane – 13 OCF SPRAY foam has low density and gives excellent yield and still gives efficient seal. As with any other product Plasthane – 13 OCF should be tested for suitability. Applicators must consider when spraying the ambient air temperature and humidity.

Plasthane – 13 OCF SPRAY system has zero ODP and VOC exempt system.

PROCESSING CONDITION

Spray equipment: Graco -E20 or similar machine fusion air purge gun

Typical dynamic air pressure: 1200 – 1600 psi

Primary heater temperature: 45 – 50deg C

Hose temperature: 45-50deg C

- Polyol drum must be mixed continuously during the application.
- Refer to the Materials Data Sheet for the safe handling of both components

MIX RATIO BY VOLUME

100 PARTS BY VOLUME of TO 100 PARTS BY VOLUME
Plasthane – 13 OCF SPRAY Polyol Plasthane MDI

LABORATORY REACTIVITY PROFILE @20deg C

Laboratory 425mls cup used for mixing of Polyol and MDI according to ratio
Polyol as 100 gms and MDI as 110 gms mixed with a motor stirrer @2400 RPM

Mix Time	3 Seconds
Cream Time	3-4 Seconds
Gel Time	5-6 Seconds
Tack Free time	6-7 Seconds
Core Density	8-9 kg/m ³

LIQUID PROPERTIES OF PLASTHANE -13 OCF SPRAY

	Plasthane – 13 OCF SPRAY Polyol	Plasthane MDI
Appearance	Clear milky Liquid	Dark Brown Liquid
Brookfield Viscosity 3/30 RPM @25degC	250 +/-50 cps	200 +/-50cps
S.G @25C	1.14 +/- 0.05	1.23 +/- 0.05

TYPICAL PHYSICAL PROPERTIES OF PLASTHANE – 13 OCF SPRAY

PROPERTIES	RESULTS
Fire test AS/NZS (3837)	Group 2
Thermal Conductivity AS/NZS 2464.5	0.0325- 0.034
Open Cell Content (As/NZS 2498.7)	< 79 %

STORAGE OF BOTH COMPONENTS AND SHELF LIFE

Polyol and MDI should both be stored at 20 – 25degC in well ventilated area and well away from direct sunlight. For more information see the MSDS sheet and talk to the chemist. The polyol has a shelf life of 3 months from the date of manufacture.

HEALTH AND SAFETY ISSUES

Please read the Materials Safety Data Sheet and Technical Data Sheet for both components before using Plasthane- 13 OCF SPRAY.

Please always wear proper protective clothing, goggles gloves and breathing equipment according to Materials Safety Data Sheet.

EXCLUSION OF WARRANTIES

This information is of a general nature and is supplied without recommendation of guarantee. It does not make claim to be free from patent infringement. Properties shown are typical and do not imply specific tolerances. Plastek Group Pty. Ltd. cannot accept liability for loss or damage through use. While these technical details are based upon expert knowledge, practical experience and laboratory testing, successful application depends upon the nature and conditions in which the products are applied. Users must, by comprehensive testing, evaluate this product in their own environment.