

TECHNICAL DATA SHEET**DESCRIPTION**

PUMA[®] 5090 is a non-hydrolytic polysiloxane-polyether surfactant. It has superior capacity in nucleus forming, emulsifying, and foam stabilizing. It also has a good solubility and stability in premixed systems containing polyether polyol, isocyanate, fluorocarbon foaming agent, water, amine, and/or organic tin catalyst.

APPLICATION

PUMA[®] 5090 is suitable for the production of rigid polyurethane foam, one compound adhesive, and in the manufacture of solar water heaters.

GUARANTEED VALUES

Parameter	Value
Viscosity at 25 °C (77 °F)	700 ± 200 mPa.s
pH (4% water solution)	5.0 ± 1.5

TYPICAL VALUES

Parameter	Value
Physical State	Transparent liquid
Odor	Slight polyether-like
Specific Gravity (Water = 1)	1.03
Freezing Point	< 0 °C (< 32 °F)
Water content	0.3% max.
Solubility in Water	Soluble

NOTES

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