

TECHNICAL DATA SHEET**DESCRIPTION**

PUMA[®] 5020 is a high activity non-hydrolytic polysiloxane-polyether surfactant mainly used in the manufacture of rigid polyurethane foams. Its special molecular structure exhibits excellent nucleus ability producing fine cellular structure foam with a homogeneous density distribution. PUMA[®] 5020 minimizes the “shear line” phenomenon and it is particularly suitable in foaming systems using pentanes isomers as blowing agent.

APPLICATION

PUMA[®] 5020 is primarily used in systems demanding high fluidity material as production systems for the fabrication of refrigerators, freezers and heat insulation for pipes.

GUARANTEED VALUES

Parameter	Value
Viscosity at 25 °C (77 °F)	1200 ± 300 mPa.s
pH (4% solution)	7.0 ± 1.5

TYPICAL VALUES

Parameter	Value
Physical State	Transparent liquid
Odor	Slight polyether-like
Specific Gravity (Water = 1)	1.05
Freezing Point	< -10 °C (< 14 °F)
Water content	0.3% max.
Solubility in Water	Soluble

NOTES

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