

**TECHNICAL DATA SHEET****DESCRIPTION**

PUMA<sup>®</sup> 5070 is a non-hydrolytic polysiloxane-polyether surfactant. Because of its uniquely designed molecular structure, PUMA<sup>®</sup> 5070 has superior capacity in emulsifying, nucleus, forming and foam stabilizing. It also has a good solubility and stability in the premixed systems containing polyether polyol, water, amine and flame retardant. PUMA<sup>®</sup> 5070 gives the premixed polyol good transparency and good fluidity during the foaming process. Particularly it can be used in HFC-245fa systems.

**APPLICATION**

PUMA<sup>®</sup> 5070 provides uniform and highly closed cellular structures. These properties make the product suitable for insulation and improved mechanical strength rigid foams.

**GUARANTEED VALUES**

Parameter	Value
Viscosity at 25 °C (77 °F)	1100 ± 200 mPa.s
pH (4% water solution)	6.5 ± 1.5

**TYPICAL VALUES**

Parameter	Value
Physical State	Transparent liquid
Odor	Slight polyether-like
Specific Gravity (Water = 1)	1.05
Freezing Point	< 0 °C (< 32 °F)
Water content	0.3% max.
Solubility in Water	Soluble

**NOTES**

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