

Technical Data Sheet

PEARLSTICK™ 48-60/08 is an elastic, linear, aromatic polyurethane with a very high crystallization rate and a low-medium thermoplasticity level.

PRODUCT SPECIFICATIONS

Supply form : *White or slightly yellowish pellets*
(The mentioned colour difference does not affect the quality of the adhesive)

Viscosity @ 20°C : **600–1100 mPa.s** (MQSA N° 40 A)
(Brookfield RVF sp.3, 20 rpm solution at 15% in MEK)

PRODUCT CHARACTERISTICS

Density @ 20°C : Approx. 1.19 g/cm³.
Hydroxyl number : Approx. 0.1%
Heat Resistance : Excellent
Freezing Resistance : Very good
Minimum Activation Temperature : Approx. 60°C.

SOLUBILITY

PEARLSTICK™ 48-60/08 is soluble in Acetone, MEK, Cyclohexanone, Dimethyl formamide, Tetrahydrofuran (THF). Diluting solvents such as Toluene and Ethyl Acetate can be added.
The solvents and diluents should be water-free (max. 0.1%), so as to avoid subsequent side reactions during crosslinking with isocyanates.

SOLUTIONS

PEARLSTICK™ 48-60/08 gives transparent solutions. It they should be dissolved in closed tanks and the use of high shear equipment is advisable.
The final viscosity figures can vary, depending on the stirring process and on the solvent/diluents ratios.

Please see our technical sheet on "**Process for obtaining solutions based on PEARLSTICK™**".

STORAGE

Pearlstick™ 48-60/80 must be stored in a cool (15–25°C) and environment prior to being processed. Standard practice of consuming resin on first-in first-out basis should be employed.

For further information refer to Lubrizol Advanced Materials processing guides.

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