TECHNICAL DATA SHEET

PURANOL PP3045 V1.0 22-01-07

Product Description

PURANOL PP3045 was synthesized with polyether polyol, acrylonitrile, and styrene, containing organic filler, can replace inorganic fillers. The foam with polyol 3045 not only has high bearing capacity and good resilience, but also have fine pore structure, physical and mechanical properties.

Application

Suitable for the preparation of polyurethane flexible foam, high hardness, integral skin foam.

Specifications

Parameter	Unit	Specification	Test Method
Water	%	≤ 0.08	GB/T 22313
Hydroxyl value	mg KOH/g	25-30	GB/T 12008.3
Relative Density	g/cm3	1.002-1.095	Gravimetric methods /25℃
Acid value	mg KOH/g	≤0.15	GB/T 12008.5
pH	--	5～9	GB/T 12008.2
Viscosity	mPa·s/25℃	3000-5000	GB/T 12008.7

Package and Storage

Package:

215Kg/Steel drum; 1000Kg/IBC; Flexibag; ISOTANK; BULK

Storage:

Sealed and stored in a cool, ventilated, and dry place indoors. The shelf life is about 12 months at 25°C.

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Instructions

The polymer polyol with solid content about 45% is used for the production of polyurethane flexible foam or memory foam. The recommended amount is 10%-50% (which can be adjusted according to the different requirements of the hardness) in the formulation of block foam.

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