

# Puranol<sup>®</sup> HP 505

Version: 01

Edition Date: 2017.11



## Description

Polymeric polyol Puranol HP505 Polymer polyol was synthesized with polyether polyol, acrylonitrile and styrene, containing organic filler, can replace inorganic fillers. The foam with polyol HP505 not only has high bearing capacity and good resilience, but also has fine pore structure, physical and mechanical properties.

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

## Properties and Analysis

Property	Unit	Value	Test Method
Appearance	--	White viscous liquid	Visual test
OH value	mg KOH/g	23-28	GB/T 12008.3
Water content	%	≤ 0.08	GB/T 22313
Viscosity	mPa.s/25°C	5000-7000	GB/T 12008.7

## Directions for Processing

1. The polymer polyol with solid content about 49-51% is used for the production of polyurethane flexible foam, memory foam and integral skin foam.
2. The recommended amount is 10%-50% (which can be adjusted according to the different requirements of the hardness) in the formulation of block foam.

## Package and Storage Information

The product is supplied in IBC, ISO-tanks, Tank car, Drums and Flexi-tank. After supplying the product may be stored in original package under appropriate conditions. Containers must be kept tightly sealed and protected from heat, moisture and direct sunlight.

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