Polyether Polyol

Properties and Characteristics

Polyether Polyol (POP) is a colorless or buff mucilaginous liquid commonly used in flexible foams.

Specifications

Property	Value
CAS Number	9003-11-6

Grade	Hydroxyl Value	Water Content	pH Level	Viscosity
POP 31/28	26-29 mgKOH/g	≤ 0.05%	7-10	≤ 5,000 mPa·s/25°C
POP 36/28	25-29 mgKOH/g	≤ 0.05%	6-9	≤ 3,000 mPa·s/25°C
POP 93/28	23-27 mgKOH/g	≤ 0.05%	5-8	≤ 3,500 mPa·s/25°C
POP 42	29-33 mgKOH/g	≤ 0.10%	5-8	≤ 6,000 mPa·s/25°C
HPOP 40	20-23 mgKOH/g	≤ 0.05%	6-9	≤ 8,000 mPa·s/25°C
POP 45	28-32 mgKOH/g	≤ 0.10%	6-9	≤ 8,500 mPa·s/25°C

Applications

POP 31/28	Used in high resilience automobile seat cushions, armrests and steering wheel.
POP 36/28	Used in molded foams, including high resilience soft foams for car seat cushions, backrests, furniture, and mattresses; increasing the carrying capacity of foam products.
POP 93/28	Used in molded foams, including high resilience soft foams for car seat cushions, backrests, furniture, and mattresses: increasing the carrying capacity of foam products.
POP 42	Applicable for automotive seat cushions, backrests, furniture, mattresses and heavy duty soft foams.

HPOP 40	Used in molded foams, including high resilience soft foams for car seat cushions, backrests, furniture, and mattresses; increasing the carrying capacity of the foam products.
POP 45	Applicable for automotive interiors, furniture, mattresses and other ultra-high hardness foams and hot-molded foams.

Packaging

150/200kg per drum. Total 16/18MT in one 20GP FCL, or per customer's requirement.