



Product Description

Sanyol3423 formulated polyol is designed to be used with cyclopentane and 141b blowing agent. Excellent operationality, flowability and good demolding are the main features when it reacts with PM-200 or KP-200 which are the recommended isocyanates for the formulation. As with any product, the use of the Sanyol3423 formulated polyol in a given application must be tested (including field testing, etc.) in advance by the user to determine suitability.

Application Areas

Sanyol3423 is used for the manufacture of refrigerator or freezer.

Benefits

- good density distribution
- high compressive strength
- excellent dimensional stability

Processing Conditions

Sanyol3423 system can be processed by high (or low) pressure machine. It is essential to have equipment that consistently delivers accurate amounts of polyol and isocyanate to be mixed to achieve a production with high performance.

Package(s)

Sanyol3423 is packed and delivered in Iron drum 200 kg per drum as a standard pack.

Storage & Handling

Sanyol3423 should be kept in properly sealed, moisture-tight containers and stored indoors at ambient temperature (15-35°C) in a dry and wellventilated area. Storage at low temperature (below 5°C) may lead to viscosity increases markedly, and this may cause difficulties in processing. Extended storage at temperatures above 60°C is not recommended to prevent from deterioration of the product quality.



Product Specification

Property	Unit	Value	Test Method /Standard
Appearance		Pale yellow to reddish brown	
Viscosity	cps	4300±700	GB/T 12008.7-2010 @25°C
Specific Gravity		1.08±0.05	GB/T 4472-2011
OHv	mg KOH/g	330±15	GB/T 12008.3-2009
Water Content	(%)	2.25±0.11	GB/T 22313-2008

Processing Parameters

Property	Unit	Hand Mix Reactivity	Machine Mix Reactivity
		Value	Value
Iso/Formulated Polyol/ Cyclopentane*	(w/w)	145-150/100/12	145-150/100/12
Mixing Time	sec	10	10
Cream Time	sec	12±2	9±2
Gel Time	sec	70±10	60±10
Free Rise Density	Kg/ m3	23-25±1.2	22-24±1.2
Temperature of mould	°C	37-40	37-40
Component temperature before high pressure pump	°C	22-23	22-23

Remark: Above data is obtained at Lab; Actual data at customer site may be different because of test machine and condition, etc. * The weight percentage of 141b gas is about 22-25%



Safety

Most polyols generally present no significant hazard in use when simple precautions are followed. No special ventilation is recommended under anticipate conditions of normal use beyond that needed for normal comfort control. Eye protection such as chemical splash goggles and/or face shield must be worn when possibility exists for eye contact due to splashing or spraying liquid, airborne particles, or vapor. Contact lenses must not be worn. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Not normally considered a skin hazard. Wash hands and other exposed areas with mild soap and water before eating, drinking, smoking and when leaving work.

Shelf Life

Under recommended storage conditions, the shelf life of Sanyol3423 is 6 months since the date of production.



ANGEL GROUP

+98 902 168 20 40

WWW.A20G.COM

@ANGEL20GROUP