

PROCESSING AID

AKDENIZ PRO 45

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Rev: 1

PRO 45 is developed for foam applications.

It has a very high molecular weight and long chain length.

By using PRO 45 the density can be significantly reduced.

PRO 45 adds good surface properties to the finished product.

Definition

Very high molecular weight acrylic processing aid

Chemical and physical properties

Appearance (Physical form)	Powder -	
Appearance (Color)	White -	
Moisture (% at 105°C)	0 -	1
Bulk Density (g/L)	400 -	600
Average particle size (micron)	50 -	100
Viscosity (Capillary viscometer, cst)	19 -	23
Sieve residue (% at 600 micron)	0 -	0,10
Molecular Weight (Dalton)	3300000 -	3700000

Application

Injection mouldings
Building
Packaging industry
PVC foam applications
Extrusion processes

Handling

Wear suitable mask, protective clothing, gloves and eye/face protection.

Avoid release to the environment. Refer to special instructions/safety data sheet.

A material safety data sheet for the safe handling of this product is available on request.

This technical data sheet is not dispensing with the responsibility of the user to follow appropriate legal directives such as regulations regarding food stuff, dangerous substances and safety at working places.

Nothing in this technical data sheet can be constructed as freedom to infringe patents of 3rd parties or to breach regulations and laws.

Recommended dosage

Depends on the formulation, processing conditions and the type of product; usually in the range of 0,4 - 10,0 phr.

Mixing

A minimum temperature of 100°C for p-PVC; 120°C for u-PVC is recommended for optimal dispersion in the dryblend

Standard packaging

20 kg net multilayer paper bags

Storage

Store in a cool and dry area, away from rain, snow and direct sun light.

Shelf life

24 months

The information in this technical data sheet is based on our own knowledge and personal experience. It should therefore only be regarded as a guide and not be taken as any form of guarantee. In the case of specific queries, please contact our technical service