



TECHNICAL DATA SHEET

Compound :

ACM

Co-,Ter-,Tetrapolymers of alkyl-,alcoalkyl-acrylates and reactive monomers

ORIGINAL PROPERTIES : Analysis on supplier laboratory compound

Physical-mechanical properties	Unit of measurement	Requested
Hardness	Shore A	50 ÷ 80
Density	g/cm ³	1,25 ÷ 1,40
Minimum temperature	° C	- 20 ÷ - 35 *
Maximum temperature	° C	160 ÷ 180 *

Physical-mechanical characteristics	<p><i>Quite good mechanical properties</i></p> <p><i>Good resistance to permanent deformation even at high temperatures</i></p> <p><i>Abrasion resistance from poor to quite good * **</i></p> <p><i>Poor tear strenght</i></p> <p><i>Poor rebound elasticity</i></p>
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Other properties	<p><i>Excellent air and gas impermeability</i></p> <p><i>Excellent UV radiation resistance</i></p> <p><i>Any flame resistance</i></p> <p><i>Poor dielectric properties</i></p>
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Chemical compatibility	<p><i>Excellent in contact with:</i></p> <p><i>Oils and mineral, animal greases</i></p> <p><i>- Mineral oils also with mani aromatic components at high temperatures *</i></p> <p><i>- Vegetable oils (except castor oil)</i></p> <p><i>- Ozone and atmospheric agents</i></p>
	<p><i>Satisfactory in contact with:</i></p> <p><i>- Water, saline solutions *</i></p> <p><i>- Aliphatic hydrocarbons **</i></p>
	<p><i>Satisfactory enough in contact with:</i></p> <p><i>- Hydraulic fluids on the basis of silicic esters</i></p>
	<p><i>Insufficient in contact with:</i></p> <p><i>- Acids and basic solutions and derivated solutions</i></p> <p><i>- Different brake fluids on the basis of not fuel-oils</i></p> <p><i>- Ketones, esters and different alcohols</i></p> <p><i>- Aromatic and chloridated hydrocarbons</i></p> <p><i>- Hydraulic fluids on the basis of phosphoric esters, sintetic lubricants on the basis of diesters</i></p> <p><i>- Water and steam *</i></p>

* depending from the types

** with a specific optimal formulation