



TECHNICAL DATA SHEET

Compound :

ACM

Co-,Ter-,Tetrapolymers of alkyl-,alcossialkyl-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> <ul style="list-style-type: none"> - Oils and mineral, animal greases - Mineral oils also with mani aromatic components at high temperatures * - Vegetable oils (except castor oil) - Ozone and atmospheric agents
	<p><i>Satisfactory in contact with:</i></p> <ul style="list-style-type: none"> - Water, saline solutions * - Aliphatic hydrocarbons **
	<p><i>Satisfactory enough in contact with:</i></p> <ul style="list-style-type: none"> - Hydraulic fluids on the basis of silicic esters
	<p><i>Insufficient in contact with:</i></p> <ul style="list-style-type: none"> - Acids and basic solutions and derivated solutions - Different brake fluids on the basis of not fuel-oils - Ketones, esters and different alcohols - Aromatic and chloridated hydrocarbons - Hydraulic fluids on the basis of phosphoric esters, sintetic lubricants on the basis of diesters - Water and steam *

* depending from the types

** with a specific optimal formulation