



TECHNICAL DATA SHEET

Compound :

AU

Polyesters modified with diisocyanates

ORIGINAL PROPERTIES : Analysis on supplier laboratory compound

Physical-mechanical properties	Unit of measurement	Requested
Hardness	Shore A	30 ÷ 99
Density	g/cm ³	1,10 ÷ 1,40
Minimum temperature	° C	- 20 ÷ - 30 *
Maximum temperature	° C	80 ÷ 100 **

Physical-mechanical characteristics	<p>Excellent mechanical properties</p> <p>Resistance to permanent deformation by compression from poor to very good * **</p> <p>Excellent resistance to abrasion</p> <p>Rebound elasticity from poor to high * **</p> <p>Tear strength from good to excellent * **</p>
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Other properties	<p>Gas and air impermeability from good to excellent *</p> <p>Any flame resistance</p> <p>Dielectric properties from quite good to good **</p>
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Chemical compatibility	<p>Excellent in contact with:</p> <ul style="list-style-type: none"> - Oils and mineral, animal greases - Vegetable oils (except castor oil) - Aliphatic hydrocarbons, fuels without additives with alcohols - Ozone
	<p>Satisfactory in contact with:</p> <ul style="list-style-type: none"> - Different types of Freon - Some alcohols
	<p>Insufficient in contact with:</p> <ul style="list-style-type: none"> - Hot water, acids and basic substances - Methyl alcohol - Aromatic and chlorinated hydrocarbons (except perchlorethylene) - Ketones

* depending from the types

** with a specific optimal formulation