

Chemical / physical nature:

This system is composed of prepolymers based on polyester and TOI.

It is processed hot, preferably using MBOCA to result in elastomers in hardness 70 - 90 Shore A with excellent characteristics.

Storage and use precautions storage:

When the sealed drum is stored sheltered from bad weather at temperatures below 30°C, can be kept for up to 6 months without loss of performance till opening.

Major application:

This system can be processed manually or dispensing machine.

Use of prepolymers:

Products based on isocyanates react with water and lose progressively their reactive functions when they are heated. For these reasons, it is very important, once the drum is opened, that the whole content is processed within a few hours. Drums that might be used partially, should be filled with a neutral gas such as nitrogen before resealing in order to protect the product against moisture.

Technical information:

Component	Unit	TD - 6030	TD - 6036	TD - 6040	TD - 6050
NCO	%	3±0.2	3.6±0.2	4±0.2	5±0.2
Physical		Semi solid	Semi solid	Semi solid	Semi solid
Degassing required		yes	yes	yes	yes
Processing temperature	cc	90	90	85	85
Density	g/cm ³	1.18	1.18	1.19	1.19
Gel time	min	6	6	4	3
Hardness	Shore A	80	82	90	95
MOCA in 100 gr resin		8.6	10.8	12	15
Tensile strength	MPa	50	51	52	53
Elongation	%	720	710	660	635
Tear Strength (without nick)	kN/M	80	88	107	115
Resilience	%	40	42	32	30
Abrasion loss	mm ³	43	40	55	55