

Polyester-based TPU

■ Features

Excellent Initial & Final Bonding Strength, Good Solvent Solubility, Fast Crystallization Rate.

■ Applications

Hot Melt Films and Tapes, Solvent-based Adhesives, Footwear Adhesives, Fire Hose Adhesives, etc.

■ Properties

Properties	Standard	Unit	Value
Physical Properties			
Density	ASTM D792	g/cm ³	1.2
Hardness	ASTM D224	Shore A	95
Max.Toluene in solvents		%	30-35
Viscosity (15% in MEK)	ISO 3219	cps/25℃	1500-2200
Bonding strength	PVCvsPVC, After 10min	kg/3cm	10-16
Thermal Properties			
Crystallization Rate	_____	_____	Fast
Tack-free time	_____	min	15
Minimum Activation Temperature	_____	℃	55-65

Note: The above values are shown as typical values and should not be used as specifications.

Package: Normally 25kg/bag

■ Processing Guide

Solution processing advice

Good solubility in acetone, methyl ethyl ketone (MEK), ethyl acetate, THF, DMF or the mixtures, not soluble in aliphatic olefins and ethanol. Enough agitation when dissolving can decrease the dissolution time dramatically.

Adhesive solution may turn yellow due to the storage conditions, light irradiation and the solvent properties.

■ Environmental & Healthy & Safety

Take MSDS for reference.

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The information provided here is for reference only. The specification will be provided in the quality certificate or in the contract. It is the user's responsibility to test the material and its suitability for a process. We have no control over what another party does with the material and we cannot take any responsibility for another party's action. Nor will we be responsible for any indirect damages while using our products. The user is welcome to contact our customer and technical service center with questions on our products.