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TECHNICAL DATA SHEETS
RP5

Description:

Medium setting: general purpose adhesive designed to bond a wide variety of similar or dissimilar materials. The product is a versatile adhesive offering good climatic, thermal and impact resistance. It's elasticity makes it ideal for bonding dissimilar materials. Handling strength in 5 to 10 seconds. RP 5 has a viscosity of 5 cps and is capable of filling gaps up to. 002.

Physical Properties:

COLOR:	Clear
VISCOSITY:	5cps BASE: Ethyl
STRENGTH:	2700 / 4300
TEMPERATURE RANGE:	- 65 - 200°F
CURE SPEED: (FIXTURE)	5 seconds
FULL CURE:	8 hours
MIL A 46050	Type II Class I
SPECIFIC GRAVITY	1.05
SOLUBLE IN:	Remove Debonder

Storage

The RP series is ideally stored in a cold, dry location in unopened containers. Optimal storage temperature is under 50°F. To prevent contamination of unused product, do not return any material to its original

Handling Characteristics:

Shear Strength, ASTM D1002, DIN 53283	Value	Range
Girt Blasted Steel, N/mm^2	28	24 to 32
(psi)	(3770)	(3195 to 4355)
Etched Aluminum, N/mm^2	20	16 to 24
(psi)	(3770)	(3195 to 4355)
ABS, N/mm^2	>7	
* (psi)	(>885)	
PVC, N/mm^2	>5	
* (psi)	(>640)	
Polycarbonate, N/mm^2	>6	
* (psi)	(>825)	
Phenolic, N/mm^2	12	6 to 18
* (psi)	(160)	(775 to 2450)
Neoprene rubber, N/mm^2	>12	
* (psi)	(>1600)	
Nitrile rubber, N/mm^2	>12	
* (psi)	(>1600)	
Tensile Strength, ASTM D2095, DIN 53283		
Grit Blasted Steel, N/mm^2	20	14 to 28
(psi)	(3000)	(1900 to 4000)

* Substrate Failure

Engineering Excellence
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and support call **1-800-552-0299** or visit our website at
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