Industrial Polymers Corporation

SpeedFlex 270-5

Technical Data

Revision date: 01-15

DESCRIPTION	SpeedFlex 270-5 is a low viscosity room temperature cured polymer. SpeedFlex 270-5 is especially formulated for molding flexible trim molding for architectural application. Low viscosity and 1A:3B by volume mix ratio makes for easy hand mixing or machine dispensing applications.		
WORKING PROPERTIES	Mix Ratio By weight		33.19 parts A/ 100 part B
	Mix Ratio By volume		1 part A/ 3 parts B
	Viscosity @ 72°F (A Side)		200 CPS
	Viscosity @ 72°F (B Side)		1160 CPS
	Viscosity @ 72°F (Mixed)		920 CPS
	Color	Part A:	Clear Amber
	Color	Part B:	Light Yellow
	Color	Mixed:	Light Yellow
	Working Life @ 72°F		3-4 minutes
	Demold Time* @ 72°F		30 minutes
	Complete Cure @ 72°F		24 hours
	* Set time and Demold time depends on temperature and relative humidity.		
PHYSICAL PROPERTIES	Specific Gravity: (Part A)		1.23
	Specific Gravity: (Part B)		1.23
	Specific Gravity: (Mixed)		1.23
	Weight/Gallon Part A		10.25 lbs.
	Weight/Gallon Part B		10.29 lbs.
	Weight/Gallon Mixed		10.28 lbs.
	Cubic inch per lb. of product		22.47 in^3/lb.
	Hardness @ 72° F	ASTM 2240-85	85 Shore A
CLEAN UP	Dispose of all empty SpeedFlex 260-6 component containers in accordance with local, state and federal regulations. Empty component containers can be rendered non-hazardous by rinsing the containers with a small amount of mixed material and allowing the solvents to evaporate. The containers will then contain non-hazardous cured urethane.		
STORAGE AND SHELF LIFE	SpeedFlex 270-5 is shipped from the factory in sealed containers. The containers should be stored in a cool, dry area that is protected from direct sunlight and moisture. Storage temperatures should not exceed 80°F. The shelf life of the factory sealed containers stored under these conditions is six months. Containers that have been opened should be resealed immediately after material has been removed in order to prevent solvent evaporation.		
SHIPPING CLASS	Class 55 Non-hazardous		