

Dow Corning HS III BASE & 10:1 CLEAR CATALYST

Category : Polymer , Thermoset , Rubber or Thermoset Elastomer (TSE) , Silicone , Silicone Rubber

Material Notes:

High strength lower durometer silicone mold making rubber, suited for the detailed reproduction of figurines, art objects and similar items.
HS III Base with HS III 10:1 Clear Catalyst is recommended for use with polyesters and plaster or wax. Information provided by Dow Corning

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-Corning-HS-III-BASE-101-CLEAR-CATALYST.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.16 g/cc	1.16 g/cc	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Viscosity	16000 cP	16000 cP	dynamic, mixing

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	10	10	
Tensile Strength, Ultimate	2.41 MPa	350 psi	
Elongation at Break	550 %	550 %	
Tear Strength	17.5 kN/m	100 pli	

Optical Properties	Metric	English	Comments
Transmission, Visible	90 %	90 %	clear; thickness not quantified

Descriptive Properties	Value	Comments
Working Time (min)	120	

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