



SIL66BQ-249 / SIL66BQ-249A

Surfboard Resin

Technical Data Sheet

SIL66BQ-249 has exceptionally good color and cures almost water clear in laminates or films. It has a low viscosity for easy wet out and is promoted for room temperature cure. We suggest SIL66BQ-249 whenever color is of paramount importance.

SIL66BQ-249A is a version containing UV Stabilizer.

SIL66BQ-249/249A is also suitable as a base coat for flooring use in meat and poultry processing facilities that must conform to USDA requirements. SIL66BQ-250/250A is used as the top coat, as it contains wax.

TYPICAL RESIN PROPERTIES @ 77° F	RESULTS
Brookfield Viscosity @ 20 rpm, cps	400 – 600
Brookfield Spindle No. (RV)	2
Catalyst, %, DDM-9 MEK-P	1.00
Gel Time, minutes:seconds	11:00 – 19:00
Gel to Peak Time, minutes:seconds	12:00 – 23:00
Peak Exotherm, °F	255 – 295
Solids, %	61.5 – 64.5
UV Test	Positive for “249A”
Specific Gravity	1.07 – 1.11

MECHANICAL PROPERTIES OF NEAT CURED RESIN		RESULTS	
Property	ASTM Test Method	Psi	Mpa
Flexural Strength	D-790	20,100	138.6
Flexural Modulus	D-790	5.94 x 10 ⁵	4095
Tensile Strength	D-638	10,100	69.6
Tensile Modulus	D-638	6.10 x 10 ⁵	4206
Tensile Elongation	D-638	1.9%	
Heat Distortion Temperature	D-648	156°F / 68.9°C	
Hardness, Barcol 934-1	D-2583	42 - 44	

All specifications and properties specified above are approximate. Specifications and properties of material delivered may vary slightly from those given above. Interplastic Corporation makes no representations of fact regarding the material except those specified above. No person has any authority to bind Interplastic Corporation to any representation except those specified above. Final determination of the suitability of the material for the use contemplated is the sole responsibility of the Buyer. Our technical sales representatives will assist in developing procedures to fit individual requirements, but all advice is accepted at your risk and should be checked for suitability to your particular processes. These test data and properties are based on results obtained for a specific material under the specified test conditions. They are not to be used as specifications and are not warranted as performance attributes for any product or system. Specifications and properties of standard production material may vary slightly from those in this report. Interplastic Corporation makes no warranties regarding any material and/or samples described in this report unless that representation is provided to your company in writing by a Technical Director of Interplastic Corporation or one of his or her managers.

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