



INTERPLASTIC CORPORATION
Thermoset Resins Division

SIL66BQ-249 / SIL66BQ-249A

Laminating 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-249 is suitable for flooring use in meat and poultry processing facilities that must conform to USDA requirements.

SIL66BQ-249A is a version containing UV Stabilizer.

TYPICAL RESIN PROPERTIES @ 77° F	RESULTS
Brookfield Viscosity @ 20 rpm, cps	400 – 550
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	265 – 305
Solids, %	61.5 – 64.5
UV Test	Positive for “249A” g/sqm. Max

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. The Thermoset Resins Division's technical sales representatives will assist in developing procedures to fit individual requirements.

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