

Product **Bulletin**



HEXION 733-8495-30

DCPD / Isophthalic Laminating Resin

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Product Description *HEXION 733-8495-30* is an Isophthalic / DCPD blend, thix and promoted laminating resin, specifically formulated to meet the unique demands of boat builders. This resin exhibits excellent cure and barcol hardness in thin and thick laminates without building excessive heat. The shrinkage is very low, giving excellent cosmetic properties.

To help boat builders meet strict emission requirements, the styrene content of the resin is **32%** or less.

Features and Benefits

- Low Exotherm
- Low Styrene Emissions
- Long Trim Time
- Even Cure in Thick and Thin Laminate
- Good Wet Out
- Good Blister Resistance

Suggested Applications

- Marine

Typical Properties

Liquid Properties (77°F)	
Description	Typical Property
Appearance	Amber
Viscosity (cps) Brookfield (LVT#3 @ 60 rpm)	500
Thixotropic Index (LVT#3 6 / 60 rpm)	2.8
100-gram Gel Time (min.) (2.0% DDM-9)	30
Gel to Peak (min.)	11
Peak Exotherm (°F)	365
Weight Per Gallon (pounds per gallon)	9.1
Styrene Content, % by weight	32 Max

**Typical
Properties**

Mechanical Properties

(.125" casting, DDM9 @ 77°F)

Description	Test Method	Specification
Flexural Strength (psi)	ASTM D-790	16,040
Flexural Modulus (psi)	ASTM D-790	563,000
Tensile Strength (psi)	ASTM D-638	8,050
Tensile Modulus (psi)	ASTM D-638	538,000
Tensile Elongation (%)	ASTM D-638	1.9
Barcol Hardness (934.1)	ASTM D-2583	48
Heat Deflection Temperature (F)	ASTM D-648	195

SAFETY & HANDLING

These products are capable of producing adverse health effects ranging from minor skin irritation to serious systemic effects. Exposure to these materials should be minimized and avoided, if feasible, through the observance of proper precautions, use of appropriate engineering controls and proper personal protective clothing and equipment, and adherence to proper handling procedures. **None of these materials should be used, stored, or transported until the handling precautions and recommendations as stated in the Material Safety Data Sheet (MSDS) for these and all other products being used are understood by all persons who work with them.** Questions and request for information on HEXION Specialty Chemicals (HEXION) products should be directed to your HEXION sales representative, or the nearest HEXION sales office. Information and MSDS's on non-HEXION products should be obtained from the respective manufacturer.

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