

ABS BACKING**Resin Characteristics**

Orthophthalic unsaturated polyester resin
Medium reactivity – Medium viscosity

Versions

Thixotropic (T)
Preaccelerated (P)
Blue Indicator (B)
White Pigmented (W)

Molding Technique

Hand Lay-Up
Spray-Up

End Products

Acrylic sinks and bathtubs
Especially formulated for ABS reinforcement

Remarks

Excellent adhesion on ABS and acrylic

Liquid Properties

Viscosity ¹	400-600	cp
Thix Index	min. 2	
Solid Content	62-67	%
Acid Value	max. 30	mgKOH/g
Gel Time ²	10-20	minutes
Peak Exotherm	130-150	°C

¹ 20°C, sp4 50/5rpm

² 20°C, 1ml Cobalt (1% soln.) and 1ml Butanox M60 per 100g resin

Mechanical Properties of Non Reinforced Clear Castings³

Tensile Strength	70	Mpa	ISO 527
Elongation at Break	1.8	%	ISO 527
Tensile Modulus	3700	Mpa	ISO 527
Flexural Strength	110	Mpa	ISO 178
Flexural Modulus	3700	Mpa	ISO 178
HDT	60	°C	ISO 75A
Hardness	38	Barcol	934-1

³ Samples post cured 3 hours at 80°C and 1 hour at 100°C.

Stability

The resin is stable for at least 4 months if stored in original packaging in a dry, well ventilated area away from direct sunlight. The storage temperature must not exceed 25°C.

Packaging

Available in
Bulk
1000kg IBC
230kg Drums
18kg Cans

