

TECHNICAL DATA SHEET

Resin Characteristics

Orthophthalic, preaccelerated unsaturated polyester resin
Low reactivity – Medium viscosity
Pre-accelerated

Versions

N/A

Molding Technique

Clear casting

End Products

Clear castings, figurines, embedded objects

Remarks

Very good color
Optimal curing characteristics
Contains a special accelerator which gives low color

Liquid Properties

Viscosity ¹	800-1000	cp
Solid Content	62-68	%
Acid Value	max. 30	mgKOH/g
Gel Time ²	40-50	minutes

¹ 20°C, sp4 50rpm

² 20°C, 2ml Butanox M60 per 100g resin

Mechanical Properties of Non Reinforced Clear Casting³

Tensile Strength	55	Mpa	ISO 527
Elongation at Break	6.5	%	ISO 527
Tensile Modulus	2800	Mpa	ISO 527
Flexural Strength	110	Mpa	ISO 178
Flexural Modulus	3100	Mpa	ISO 178
HDT	50	°C	ISO 75A
Hardness	30	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

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Boytek Reçine Boya ve Kimya San. Tic. A.Ş.
Yenibosna Merkez Mah. 29 Ekim Cad. İstanbul Vizyon Park Ofis Plaza 3
A2 Blok Kat: 7 No: 60-61 34197 Yenibosna Bahçelievler İstanbul/TÜRKİYE
Tel.: +90 212 551 03 04 (2 lines) | Fax: +90 212 551 28 35
www.boytek.com.tr

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