

MARBLE REPAIR*Resin Characteristics*

DCPD modified unsaturated polyester resin
High reactivity – Medium viscosity

Versions

N/A

End Products

Marble repair putties, body fillers

Remarks

Good wetting of fillers
Fast curing even at low temperatures
Amine accelerated
Good shelf life

Liquid Properties

Viscosity ¹	650-800	cp
Solid Content	65-70	%
Acid Value	max. 30	mgKOH/g
Gel Time ²	7-12	minutes
Peak Exotherm	170-190	°C

¹ 23°C, sp4 50rpm

² 23°C, 3g BPO per 100g resin

Mechanical Properties of Non Reinforced Clear Castings³

Tensile Strength	60	Mpa	ISO 527
Elongation at Break	2	%	ISO 527
Tensile Modulus	3900	Mpa	ISO 527
Flexural Strength	110	Mpa	ISO 178
Flexural Modulus	3700	Mpa	ISO 178
HDT	100	°C	ISO 75A
Hardness	40	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 12 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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