

Technical Data Sheet - DEGACRYL[®] HS 4240 D

Binder for aqueous heat sealing lacquers

Aqueous emulsion of a thermoplastic, acrylic resin

Typical Properties

Property	Value	Unit	Method
Solvent	Water		
Solid content	50	%	DIN EN ISO 3251
Dynamic viscosity	300-400	mPas	DIN EN ISO 3219 (Brookfield LVT, Sp3, 6 Upm)
pH-Value	2,6		ISO 976
Density	1.04	g/cm ³	DIN EN ISO 12185
Film formation temperature	approx. 16	°C	ISO 2115
Glass transition temperature (Tg)	15, 49	°C	DIN EN ISO 11357-1

DEGACRYL[®] HS 4240 D is a newly developed product, subject to minor formulation adjustments.

Applications

Binder for manufacturing aqueous heat seal lacquers with direct adhesion to aluminium foil for sealing aluminium foils versus PVC and polystyrene in pharmaceutical blister and food packaging. DEGACRYL[®] HS 4240 D fulfills the requirements according FDA 21 CFR § 175.105.

Instruction for use

Drying	Directly after coating with a minimum of 15 sec. at 180°C.
Hints for application	The recommended film thickness of DEGACRYL [®] HS 4240 D is 7 g per sqm.

Technical Data Sheet - DEGACRYL® HS 4240 D

Binder for aqueous heat sealing lacquers

Aqueous emulsion of a thermoplastic, acrylic resin

General Remarks

Packaging	Plastic drums: 125 kg net; Recycable IBC with PE insert: 1,000 kg net.
Storage	Keeps for 12 months from date of delivery if tightly closed, protected from frost and strong heat.

Typical properties are approximate reference values. If you need product specifications please contact us.

® = registered trademark

This information and all further technical advice are based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.