

Technical Data Sheet - DEGACRYL[®] HS 4241 D

Binder for aqueous heat sealing lacquers

Aqueous emulsion of a thermoplastic, acrylic resin

Typical Properties

Property	Value	Unit	Method
Solvent	Water		
Solid content	46-48	%	DIN EN ISO 3251
Dynamic viscosity	<1000	mPas	DIN EN ISO 3219
pH-Value	2,8		ISO 976
Density	1.05	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 4241 D is a newly developed product, subject to minor formulation adjustments.

Applications

Binder for manufacturing aqueous heat seal lacquers with direct adhesion to aluminum foil for sealing melted cheese and confectionary packaging as well as aluminum versus PVC and polystyrene in pharmaceutical blister and food packaging. DEGACRYL[®] HS 4241 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 dry film thickness of DEGACRYL [®] HS 4241 D is 7 g per sqm.

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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.

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