

GO7550E(Solventborne)

Outline

GO7550E is an environment-friendly chloride-free resin grafted with maleic anhydride by solution reactive processing. GO7550E has an excellent adhesion power to PP, TPO and Al film without any surface treatment.

Product Name : GO7550E (solventborne)

- High-Crystallinity (hard).
- Surface of the applied film is transparent.
- Good adhesion to Polypropylene(without any surface treatment), Polyethylene(with surface treatment)
- Application: 1) Primer for automotive parts (interior & exterior) & electric appliances
2) Ink binder for gravure printing (paint)
3) Adhesive for multi-layer packaging (Easy peel, Aluminum foil, etc)

Items	Features	Remark
Cl content (wt%)	0	
Appearance	Translucent viscous liquid	
N.V.(wt%)	19.0 ~ 21.0	
*Vis(cP)	<500.0	
T.g.(°C)	-25.0 ~ -18.0	
T.m. (°C)	69.0 ~ 76.0	
**CI	3.00 ~ 4.00	
***Solvent	MCH/BA/IPA	
Molecular Weight	40,000<	

* BrookfieldLV(rpm:10, Spindle:S61, at 22 °C)

** CI(Carbonyl Index) = A_{1785}/A_{1167} (A_{1785} :Peak area of CO in Maleic acid, A_{1167} :Peak area of Polypropylene by FT-IR spectra)

*** MCH(Methylcyclohexane)/BA(Butyl acetate)/IPA(Isopropylacohol)=65/30/5

Technical Data Sheet

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Solubility (measured at 20°C, 20wt% solution)

Solvent	Xylene	Toluene	^a MCH	Solvesso 100	Solvesso 150	^b EA	^c BA
Solubility*	◎	◎	◎	◎	◎	△~○	△~○

* : ◎:Very good ○:Good △:Normal X:Poor

^aMCH : Methylcyclohexane

^bEA : Ethyl Acetate

^cBA : n-Butyl acetate

※ Storage: At room temperature (20°C)