

GMP3020E

(Modified polyolefin resin)

Outline

GMP7550E is an environment-friendly chloride-free resin grafted with maleic anhydride by solution reactive processing. GMP7550E has an excellent adhesion power to PP, TPO and Al film without any surface treatment.

Product Name : GMP3020E

- Low-Crystallinity (soft).
- 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	White Powder	
N.V.(wt%)	99.0<	
T.g.(°C)	-29.0 ~ -22.0	
T.m. (°C)	64.0 ~ 71.0	
*CI	2.50 ~ 3.50	
Molecular Weight	40000<	

*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)

Technical Data Sheet

GENPOLY

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

Solvent	^a MCH	^b BTX	^c MCH/BA(EA)	^d MEK
Solubility*	◎	◎	◎~○	X

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

^aMCH : Methylcyclohexane

^bBTX : Benzen, Touene, Xylene (aromatic hydrocarbon)

^cMCH/BA(EA) : Methylcyclohexane / n-Butyl acetate (Ethyl Acetate) = 65/30

^dMEK : Methyl ethyl ketone