

PRODUCT OVERVIEW

A maleic-anhydride-grafted polyethylene tie-layer compound for PE/PA, PE/EVOH, aluminium/polyethylene and selected multilayer pipe or sheet structures.

Base / family	Functionalised Polyolefins	Primary process	Coextrusion
Supply form	Pellets	Standard colour	Natural

TYPICAL PROPERTIES

Property / condition	Test method	Typical value	Unit
Melt flow rate, 190°C/2.16 kg	ISO 1133-1	1.5	g/10 min
Density, 23°C	ISO 1183-1	0.931	g/cm ³
Tensile stress at yield, 23°C	ISO 527-2	12	MPa
Elongation at break, 23°C	ISO 527-2	≥ 600	%
Vicat softening temperature, A50	ISO 306	≥ 95	°C
Grafted MAH content	Titration / calibrated FTIR	0.7	wt.%
Moisture content	ISO 15512	≤ 0.10	wt.%

Unless otherwise stated, standard specimen preparation and conditioning apply. Typical values are representative and are not minimum specification limits.

APPLICATIONS - PE/PA or PE/EVOH structures - Aluminium/PE laminates - Multilayer pipe and sheet	KEY BENEFITS - Reactive tie-layer functionality - High elongation - Film, sheet and pipe coextrusion
--	---

PROCESSING GUIDELINES

Coextrusion. Recommended melt temperature: 200-240°C. Adhesion depends on adjacent resin, layer thickness, surface condition, draw ratio and residence time. Contact Technical Service for structure-specific grade selection.

Technical note: Adhesion is structure-specific. Technical Service can recommend the appropriate tie-layer grade and evaluation method.

PACKAGING AND STORAGE 25 kg moisture-resistant bags on pallets. Store dry, below 40°C, away from sunlight and direct heat. Recommended shelf life: 12 months in unopened packaging.	REGULATORY DOCUMENTATION Current safety and grade-specific regulatory documentation is available through Technical Service for the intended application and market.
---	---

The information in this document is provided for material selection and processing guidance. Suitability for a specific design, process and end use should be confirmed by the user under actual service conditions.