



ELVALOY™ AC Ethylene Acrylate Copolymer: Universal compatibility with most polymers through its heterogenous comonomer distribution for use as masterbatch carrier resin, modifier and adhesive applications. ELVALOY™ AC imparts special properties to products such as softness, flexibility and polarity.

| GRADE | MELT FLOW INDEX, dg/min. | COMONOMER | COMONOMER CONTENT, % | DENSITY, g/cm3 | MELTING POINT, C | VICAT SOFTENING POINT, C |
|-----------|--------------------------|-----------|----------------------|----------------|------------------|--------------------------|
| AC 1125 | 0.5 | MA | 25 | 0.944 | 90 | 48 |
| AC 12024S | 20 | MA | 24 | 0.944 | 88 | --- |
| AC 1209 | 2 | MA | 9 | 0.927 | 101 | 70 |
| AC 1218 | 2 | MA | 18 | 0.940 | 94 | 60 |
| AC 1224 | 2 | MA | 24 | 0.944 | 91 | 48 |
| AC 1330 | 3 | MA | 30 | 0.950 | 85 | --- |
| AC 1609 | 6 | MA | 6 | 0.930 | 92 | 70 |
| AC 1820 | 8 | MA | 20 | 0.942 | 92 | 54 |
| AC 1913 | 6.5 | MA | 10.4 | 0.925 | 86 | 62 |
| AC 2102 | 6 | EA | 18.5 | 0.931 | 98 | 56 |
| AC 2103 | 21 | EA | 19.5 | 0.930 | 95 | 50 |
| AC 2116 | 1 | EA | 16 | 0.930 | 96 | 60 |
| AC 2615 | 6 | EA | 15 | 0.930 | 97 | 58 |
| AC 2618 | 6 | EA | 18 | 0.930 | 95 | 56 |
| AC 3117 | 1.5 | BA | 17 | 0.924 | 99 | 60 |
| AC 3217 | 1.8 | BA | 17 | 0.926 | 92 | 70 |
| AC 3427 | 4 | BA | 27 | 0.926 | 94 | 45 |
| AC 3717 | 7 | BA | 17 | 0.924 | 96 | 55 |
| AC 34035 | 40 | BA | 35 | 0.930 | 90 | --- |

Common Applications



For use as Carrier Resins
for Concentrates



As Impact Modifiers for Various Polymers



For use in Applications
Requiring Flexibility



In Wire & Cable Applications

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ELVALOY™ GMA (Glycidyl Methacrylate) Terpolymer: High toughness and impact resistance for polyesters and alloys, improved low and high temperature performance for asphalt and bitumen, and universal compatibilizer for high flexibility alloys based on PA, PET, ABS, PC. Can be combined with ELVALOY™ AC to enhance flow.

| GRADE | MELT FLOW INDEX, dg/min. | DENSITY, g/cm ³ | MELTING POINT, C | USE |
|-------|--------------------------|----------------------------|------------------|-------------------------------|
| AS | 12 | 0.94 | 72 | Adhesives |
| PTW | 12 | 0.94 | 72 | Polymer Modification |
| 4170 | 8 | 0.94 | 72 | Asphalt, Polymer Modification |
| 5160 | 12 | 0.95 | 80 | Ashphalt Modification |
| 5170 | 8 | 0.95 | 82 | Ashphalt Modification |

Common Applications



For Impact Modification of Polyester and Polyester Alloys



To Compatibilize Blends Based on Polyester, Nylon, ABS or PC



Mainly for Asphalt Modification



ELVALOY™ CO Terpolymer: For demanding soft PVC applications, ELVALOY™ guarantees the best long term aging performance because only ELVALOY™ is a polymeric, non-migrating permanent plasticizer with decades of proven performance. Can also be used as impact modifier for ABS while simultaneously improving flow.

| GRADE | MELT FLOW INDEX, dg/min. | DENSITY, g/cm ³ | MELTING POINT, C | USE |
|--------|--------------------------|----------------------------|------------------|-----------------------|
| 741 | 35 | 1.00 | 66 | Roofing |
| 742 | 35 | 1.02 | 35 | Roofing |
| 4924 | 15 | 1.00 | 70 | PVC Modification |
| HP441 | 8 | 0.98 | 59 | Plasticizer, Modifier |
| HP661 | 12 | 0.96 | 62 | Plasticizer, Modifier |
| HP662 | 25 | 0.96 | 62 | Plasticizer, Modifier |
| HP4051 | 12 | 1.00 | 59 | Plasticizer, Modifier |

Common Applications



Primarily as a Plasticizer for PVC and a Modifier for Flexible Roofing



Can also be used to Impact Modify ABS

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