

EVATANE[®] 28-420

EVATANE[®] 28-420 is a random ethylene-vinyl acetate copolymer.

- The high Vinyl Acetate content of EVATANE[®] 28-420 brings softness, flexibility and polarity. EVATANE[®] 28-420 is compatible with most tackifying resins and waxes.
- Combined with a high fluidity, it is an efficient and easy handling product for hot melt adhesives formulations.

Typical Properties

| | Test Method | Unit | Typical Value |
|--|------------------------|-------------------|---------------|
| Vinyl Acetate Content | FTIR (internal method) | %.-wt. | 28 |
| Melt Index (190°C/2.16kg) | ISO 1133 | g/10min. | 420 |
| Melting Point | ISO 11357-3 | °C | 66 |
| Density | ISO 1183 | g/cm ³ | 0.95 |
| Vicat Softening Temperature (10N) ¹ | ISO 306 / ASTM D1525 | °C | <40 |
| Ring & Ball Temperature | ASTM E28 / NF EN 1238 | °C | 84 |
| Elongation at Break ¹ | ISO 527-2 / ASTM D638 | % | 600 |
| Tensile Strength at Break ¹ | ISO 527-2 / ASTM D638 | MPa | 5 |
| Hardness Shore A ¹ | ISO 868 / ASTM D2240 | | 70 |

¹: On compression molded samples.



Processing

EVATANE® 28-420 can be processed on most conventional equipment used for thermoplastics. It is recommended to avoid melt temperatures above 230°C and to purge the equipment after a run is completed.

Storage, Handling & Safety

EVATANE® 28-420 should be stored away from heat, humidity and UV-light. Improper storage conditions may cause degradation and could have consequences on physical properties of the product.

