

Technical Datasheet PVC EM2070

Product Description:

EM2070 produces plastisols which are ideal for the production of high solids content compact coating, including chemically foamed wall paper with low plasticizer content. EM2070 plastisols are also ideal for the spread coating of chemically blown foams with a fine cell structure produced at low-medium oven temperatures.

EM2070 can be applied by rotary screen or comma or transfer spread coating process.

1) Applications:

Low-medium plasticizer and high filler content chemically blown foam coating for wallpaper and synthetic leather cloth especially in blend with EM3090

- low-medium plasticizer content compact spread coatings on to fabric including high Clarity top coats for tarpaulins, protective clothing etc.
- spread coatings of compact thin coatings on high speed reverse roll and rotary screen and Comma coaters
- low-medium plasticizer content rotational moldings and dip moldings with an excellent surface finish

2) Typical data:

| PROPERTY | TEST METHOD | UNIT | TYPICAL VALUE* |
|------------------------------------|---------------|------|----------------|
| Polymerization degree | JIS K 6720-2 | - | 1150±50 |
| K-Value | DIN 53726 | - | 69 |
| Apparent Density | ASTM D1895 | g/cc | 0.28±0.07 |
| Volatiles content | ASTM D3030 | % | Max 0.30 |
| Particle size | 100 mesh pass | % | 100 |
| BF viscosity(20rpm) | ASTM D1824 | Pa.s | 4.7 |
| Viscosity at 500 sec ⁻¹ | | Pa.s | 2.5 |

* Typical values not to be construed as specifications.