



POLIDENE RANGE SUMMARY

Vinylidene chloride copolymer emulsions

POLIDENE 33-082 Flexible, water-resistant polymer for coatings exhibiting fire retardancy and moisture vapour barrier.

POLIDENE 33-038 Tough self-crosslinking polymer with particularly good adhesion to synthetic fibre. Good wash and dry-clean resistance. Non-wovens and upholstery backcoating.

POLIDENE 33-086 Very flexible, self crosslinking polymer with wash and dry-clean resistance. Can be formulated into fire retardant upholstery backcoatings to BS 5852 Part 1 (cigarette and match).

POLIDENE 33-083 Water based anti-corrosive primer paints and rust conversion coatings.

POLIDENE 33-075 Tough, polymer for gloss paints with fire retardant properties.

POLIDENE 33-081 Versatile in formulating, offering flexibility and fire retardancy. Sealants, mastics, adhesives, coatings.

| Polidene | Emulsifier Type | % NVC | pH | Visc. @ 25°C mPa s | Chlorine content % on solid | % VdC Content | MFFT (°C) | Tg (°C) |
|----------|-----------------|-------|-------|--------------------|-----------------------------|---------------|-----------|---------|
| 33-082 | N/A | 50 | 3-4.5 | 5-30 | 59 | 80 | 4 | 10 |
| 33-038 | An | 45 | 3-4.5 | 5-80 | 44 | 60 | 20 | 26 |
| 33-086 | An | 55 | 4-5 | 50-250 | 26 | 35 | <2 | -4 |
| 33-083 | An | 60 | 2-3 | 30-70 | 58 | 80 | 12 | 16 |
| 33-075 | N/A | 55 | 3-5 | 50-300 | 37 | 50 | 18 | 25 |
| 33-081 | N/A | 55 | 5.5-7 | 50-500 | 36 | 49 | 2 | 11 |

Emulsifier type key : An = Anionic, N/A = non-ionic/anionic

Note : These values are an indication of typical properties and should not be taken as a specification.