

| product name | chemical characterisation | main applications | acid number [mg KOH/g] | drop point [°C] | melt viscosity [mPa*s] (at T) | density [g/cm³] at 23°C | penetration [mm*10 ⁻¹] at 25°C | colour and supply form | product name |
|------------------------------------|---------------------------|---|------------------------|-----------------|-------------------------------|-------------------------|--|------------------------|---------------------------|
| <i>Oxidised waxes and polymers</i> | | | | | | | | | |
| VISCOCER® 1017 | oxidised HDPE wax | water based emulsions; modification of hot melt and bitume; release agent | 17 | 116 | 1000 (140°C) | 0.97 | 1 | almost white flakes* | VISCOCER® 1017 |
| VISCOCER® 2016 | oxidised LDPE wax | lubricant for PVC; water based emulsions; modification of hot melts | 16 | 102 | 800 (140°C) | 0.94 | 4 | almost white flakes* | VISCOCER® 2016 |
| VISCOCER® 2216 | oxidised LDPE wax | lubricant for PVC; water based emulsions | 16 | 100 | 230 (140°C) | 0.94 | 6 | almost white flakes* | VISCOCER® 2216 |
| VISCOCER® 2316 | oxidised PE wax | lubricant for PVC; water based emulsions | 16 | 104 | 200 (140°C) | 0.94 | 3 | almost white flakes* | VISCOCER® 2316 |
| VISCOCER® 3010 | oxidised synthetic wax | water based mould release emulsions; lubricant and dispersing additive for PVC and plastics | 10 | 106 | 20 (120°C) | 0.96 | 1 | almost white flakes* | VISCOCER® 3010 |
| VISCOCER® 3020 | oxidised synthetic wax | water based mould release emulsions; lubricant and dispersing additive for PVC and plastics | 20 | 104 | 20 (120°C) | 0.96 | 3 | almost white flakes* | VISCOCER® 3020 |
| VISCOCER® 3030 | oxidised synthetic wax | water based mould release emulsions; lubricant and dispersing additive for PVC and plastics | 30 | 103 | 20 (120°C) | 0.96 | 4 | almost white flakes* | VISCOCER® 3030 |
| VISCOCER® 816 Fine Powder | oxidised polyolefin | Fusion control and metal release in PVC applications; water based emulsions | 16 | 135 (DSC) | 8000 (160°C) | 0.98 | < 1 | white powder | VISCOCER® 816 Fine Powder |
| VISCOCER® 824 Fine Powder | oxidised polyolefin | water based emulsions | 24 | 135 (DSC) | 15000 (160°C) | 0.98 | < 1 | white powder | VISCOCER® 824 Fine Powder |

Polyester waxes and modified polyester waxes

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|--------------|----------------------------------|--|----|----|-------------|------|---|------------------------|--------------|
| ADDIMER® 592 | polyester wax | flow improvement and pigment dispersion in polar and non polar plastics; compatibiliser for fibres and fillers; flow and levelling additive in powder coatings | 11 | 60 | 550 (120°C) | 0.97 | 5 | white prills | ADDIMER® 592 |
| ADDIMER® 640 | synthetic polyester wax | dispersing additive for technical plastics, compatibilizer for fibers and fillers, improved flow properties and gloss | 40 | 70 | 150 (120°C) | 0.97 | 3 | white | ADDIMER® 640 |
| ADDIMER® 677 | silicone modified polyester wax | release agent for plastics processing and in emulsions | 40 | 68 | 200 (120°C) | 0.98 | 8 | almost white powder | ADDIMER® 677 |
| ADDIMER® 695 | calcium saponified polyester wax | flow improvement and release agent in plastics processing | 12 | 75 | 200 (120°C) | 0.97 | 4 | pale yellowish flakes* | ADDIMER® 695 |
| ADDIMER® 696 | calcium saponified polyester wax | release agent and flow improvement in plastics processing | 8 | 87 | 160 (120°C) | 0.98 | 4 | yellowish flakes* | ADDIMER® 696 |
| ADDIMER® 697 | calcium saponified polyester wax | release agent in plastics processing; release agent for thermotransfer applications | 5 | 90 | 140 (120°C) | 0.98 | 3 | yellowish flakes* | ADDIMER® 697 |

Saponified synthetic waxes

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|--------------|----------------------------------|---|----|-----|-------------|------|---|------------------------|--------------|
| ADDIMER® 423 | lithium saponified synthetic wax | mould release and polishes, solvent- and waterborne, sizing agent | 13 | 110 | 230 (140°C) | 0.94 | 2 | pale yellowish flakes* | ADDIMER® 423 |
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Maleic acid anhydride grafted waxes

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|---------------|--------------------------------------|---|----|-----|-------------|------|-----|------------------------|---------------|
| ADDIMER® 630R | maleic acid anhydride grafted wax | wetting and compatibilising of wood fibres in PE and PVC based WPC | 30 | 108 | 40 (120°C) | 0.97 | < 1 | almost white flakes* | ADDIMER® 630R |
| ADDIMER® 840R | maleic acid anhydride grafted PP wax | coupling, wetting and dispersion in glass fibre filled, inorganic filled and wood fibre filled PP compounds; emulsions for glass fibre sizing | 40 | 152 | 800 (170°C) | 0.93 | < 1 | pale yellowish flakes* | ADDIMER® 840R |

* = also available as „Powder“: particle size d50 ~ 500 µm