

## TYPE

Oil-free polyester

## USE

For the use in solvent-borne base- and topcoats.

## FORM OF DELIVERY (f.o.d.)

60 % in solvent naphtha 150/180 (60SNA)

## PRODUCT DATA

### Determined per batch:

#### Dynamic Viscosity DIN EN ISO 3219

|                                      |         |             |
|--------------------------------------|---------|-------------|
| dynamic viscosity<br>(25 1/s; 23 °C) | [mPa.s] | 1000 - 1800 |
|--------------------------------------|---------|-------------|

#### Iodine Colour Number DIN 6162

|                      |  |      |
|----------------------|--|------|
| iodine colour number |  | <= 5 |
|----------------------|--|------|

#### Acid Value DIN EN ISO 2114

|                                     |            |       |
|-------------------------------------|------------|-------|
| acid value<br>(non volatile matter) | [mg KOH/g] | <= 10 |
|-------------------------------------|------------|-------|

#### Non-Volatile Matter DIN 55671

|   |     |         |
|---|-----|---------|
| non-volatile matter<br>(120 °C; 5 min; 0,6 - 0,8 g) | [%] | 58 - 62 |
|---|-----|---------|

### Not continually determined:

#### Non-Volatile Matter DIN EN ISO 3251

|   |     |         |
|---|-----|---------|
| non-volatile matter<br>(1 h; 125 °C; 1 g) | [%] | 58 - 62 |
|---|-----|---------|

#### Density (Liquids) DIN EN ISO 2811-2

|                               |                      |      |
|-------------------------------|----------------------|------|
| density<br>approx.<br>(20 °C) | [g/cm <sup>3</sup> ] | 1,04 |
|-------------------------------|----------------------|------|

#### Flash Point DIN EN ISO 1523

|                        |      |    |
|------------------------|------|----|
| flash point<br>approx. | [°C] | 49 |
|------------------------|------|----|

## SPECIAL PROPERTIES AND USE

Duroftal PE 912 is best used in baking coatings in combination with melamine resins for curing. The cured film shows very good mechanical properties and adhesion to metal. For basecoats, especially metallic, the combination with acetobutyrate is recommended.

## STORAGE

At temperatures up to 25 °C storage stability packed in original containers amounts to at least 730 days.

