

SIRALES[®] PE 8420

APPLICATION DATA

Typical formulation

| | |
|--------------------|-----|
| SIRALES PE 8420 | 420 |
| EPOSIR 7168 PG | 126 |
| EPOSIR 7170 PGF-10 | 60 |
| BENZOIN | 4 |
| KRONOS 2310 | 290 |
| Blanc Fixe F | 100 |

Extrusion condition

| | |
|---------------------|--------------|
| Extruder | BUSS PLK 46 |
| Casting temperature | 100°C |
| Screw temperature | Cold |
| Speed | 80 - 120 rpm |

Film properties (curing cycle 15 min. at 200°C; 20 min. at 180°C real time)

| | |
|--------------------------------------|----------|
| Film thickness | 60-100µm |
| Indentation (DIN 53156) | > 9 mm |
| Direct gardner impact (ASTM D 2794) | > 10 Nm |
| Reverse gardner impact (ASTM D 2794) | > 10 Nm |
| Mandrel bend resistance (ASTM D 522) | pass |

Formulation MATT

| | |
|------------------|-----|
| SIRALES PE 8420 | 294 |
| EPOSIR 7168 PG | 288 |
| HULLS B 68 | 18 |
| BYK 360/P | 12 |
| KRONOS 2310 | 300 |
| HYDROCARB (Omya) | 100 |

Extrusion condition

| | |
|---------------------|--------------|
| Extruder | BUSS PLK 46 |
| Casting temperature | 100°C |
| Screw temperature | Cold |
| Speed | 80 - 120 rpm |

Film properties (curing cycle 15 min. at 200°C; 20 min. at 180°C real time)

| | | |
|----------------|-----------|-----------|
| Film thickness | 60-100µm | |
| | 15'/200°C | 20'/180°C |
| Gloss 60° | 35 | 34 |
| Gloss 20° | 9 | 9 |

SIRALES[®]: SIR INDUSTRIALE registered trade mark.

N.B.: The data given in this brochure do not constitute characteristic properties of the single product.

To our best knowledge, the information contained in this brochure is accurate and corresponds to the truth.

However, any recommendations or suggestions are provided without any guarantee, since the conditions in which the products are used are not under our control. Furthermore, nothing contained in this brochure shall be interpreted as a recommendation for using the product in violation of any patents relating to the material and their uses.