

# PLASTIC COATINGS

## Typical barrier values

| Polymer/Barrier | Grammage (g/m <sup>2</sup> ) | Water Vapour Permeability<br>(g/m <sup>2</sup> /24 h) |              | Oxygen Permeability<br>(cm <sup>3</sup> /m <sup>2</sup> /24 h/atm) |              |
|-----------------|------------------------------|-------------------------------------------------------|--------------|--------------------------------------------------------------------|--------------|
|                 |                              | 23°C, 50% RH                                          | 38°C, 90% RH | 23°C, 50% RH                                                       | 38°C, 90% RH |
| Bio E           | 25                           | 70                                                    |              | 350                                                                |              |
| PE              | 20                           | 7                                                     | 25           | 3200                                                               | -            |
| PE              | 20+20                        | 3                                                     | 15           | 2700                                                               | -            |
| PET             | 35                           | 15                                                    | 45           | 70                                                                 | 120          |
| PP              | 25                           | 5                                                     | 12           | 800                                                                | 1500         |
| PP              | 25+25                        | 2                                                     | 5            | 600                                                                | 1300         |