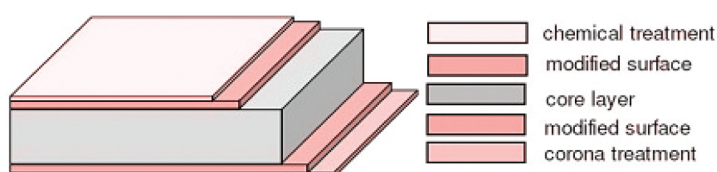


## PX-SAR-SC56-TRANS-CHMO

Sarafil S56C grade Transparent Polyester film is designed to enhance adhesion to solvent and water based inks and coatings. On metallising the chemically treated side, it shows enhanced metal adhesion. It is used in flexible packaging and metallising applications which require increased bond strength and adhesion.



**MICRON(GAUGE)** 23 (92)

**TYPE** S56C Chemically Treated Inside, Corona Outside  
SC56 Chemically Treated Outside, Corona Inside

| PROPERTIES            | TEST METHOD | UNIT   | 23(92)<br>MICRON<br>(GAUGE) |
|-----------------------|-------------|--------|-----------------------------|
| TYPICAL VALUES        |             |        |                             |
| NOMINAL THICKNESS     | PHC Method  | Micron | 23                          |
|                       |             | Gauge  | 92                          |
| YIELD                 | PHC Method  | m2/kg  | 31.1                        |
|                       |             | in2/lb | 21900                       |
| MECHANICAL PROPERTIES |             |        |                             |
| TENSILE STRENGTH      |             |        |                             |
| MD                    | ASTM D-882  | kg/cm2 | 2100                        |
|                       |             | kpsi   | 29.9                        |
| TD                    | ASTM D-882  | kg/cm2 | 2200                        |
|                       |             | kpsi   | 31.5                        |
| ELONGATION AT BREAK   |             |        |                             |
| MD                    | ASTM D-882  | %      | 140                         |
| TD                    | ASTM D-882  | %      | 135                         |

## PX-SAR-SC56-TRANS-CHMO

| PROPERTIES                                        | TEST METHOD | UNIT    | 23(92) MICRON (GAUGE) |
|---------------------------------------------------|-------------|---------|-----------------------|
| <b>THERMAL PROPERTIES</b>                         |             |         |                       |
| <b>HEAT SHRINKAGE (AT 150 DEG. C FOR 30 MIN)</b>  |             |         |                       |
| MD                                                | ASTM D-1204 | %       | 1.6                   |
| TD                                                | ASTM D-1204 | %       | 0.2                   |
| <b>SURFACE PROPERTIES</b>                         |             |         |                       |
| <b>CO-EFFICIENT OF FRICTION, (Side A/ Side B)</b> |             |         |                       |
| STATIC                                            | ASTM D-1894 |         | 0.48                  |
| DYNAMIC                                           | ASTM D-1894 |         | 0.38                  |
| <b>SURFACE TENSION</b>                            |             |         |                       |
| COATED SIDE                                       | ASTM D-2578 | Dyne/cm | 56                    |
| CORONA SIDE                                       | ASTM D-2578 | Dyne/cm | 56                    |
| <b>OPTICAL PROPERTIES</b>                         |             |         |                       |
| HAZE                                              | ASTM D-1003 | %       | 3.0                   |
| LIGHT TRANSMISSION                                | ASTM D-1003 | %       | 88                    |

Note: Above properties can be changed to meet the specific requirement of customers.

### STANDARD ROLL SIZE'S (ROLLS OUTER DIA)

| Core ID        | Standard Lengths         | 23(92) MICRON (GAUGE) |
|----------------|--------------------------|-----------------------|
| 76.2 mm/ 3 in  | 12,000 mtrs / 40,000 ft  | 631 mm/ 24.9 in       |
| 154.4 mm/ 6 in | 12,000 mtrs / 40,000 ft  | 650 mm/ 25.6 in       |
|                | 18,000 mtrs / 60,000 ft  | 785 mm/ 30.9 in       |
|                | 24,000 mtrs / 80,000 ft  | 900 mm/ 35.4 in       |
|                | 36,000 mtrs / 120,000 ft | 1094 mm/ 43.1 in      |

Other Lengths available on request.Length / OD +/- 5%Slit Widths – normally 400mm to 3000mm other widths on request