

Technical Data Sheet

SunTone® Red 5850

Product Description:

| | |
|----------------|-----------------|
| C.I. Name | Pigment Red 170 |
| C.I. No | 12475 |
| CAS NO | 2786 -76-7 |
| EC No. | 220-509-3 |
| Chemical Class | MONO AZO |
| Hue | Bluish Red |

Full Tone
(0.1 % Pigment)



Reduction
(1:10 TiO2)



Physical Data :

| | |
|--------------------------|-----------|
| pH | 6 - 8 |
| Density [g/cm3] | 1.40-1.45 |
| Bulk Volume[Lit/Kg] | 2.5 ± 0.5 |
| Sieve Residue [325 mesh] | Max. 1% |
| Moisture Content | Max. 1% |

Regulations

| | |
|----------|-----------|
| EN 71-3 | Compliant |
| RoHS - 3 | Compliant |

Fastness Properties:

| | |
|----------------------------|------|
| Light Fastness (Full Tone) | 7 |
| Light Fastness (Reduction) | 6 |
| Heat Resistance | 260° |
| Acid | 5 |
| Alkali | 5 |
| Migration in PVC - P | 3 |

Application:

| | |
|----------------------|---------------------|
| HDPE | Recommended |
| LDPE/LLDPE | Recommended |
| PP | Recommended |
| PVC | Recommended |
| EVA/Rubber | Recommended |
| Engineering Polymers | Limited Suitability |

*The colors above have been generated electronically and should therefore not be used for comparison purposes. The colors are meant to give a first impression of the colorant shade. The information contained herein is based on our state of knowledge. Our technical advice (whether verbal, in writing or by way of trials) is solely given to the product indicated and constitutes no guarantee of particular quality. It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.