

## Technical Data Sheet

### General properties

Product : EVOLUE™ SP1510H

Additive -Antiblock: Yes -Slip: Yes

Basic properties	Testing method	Unit	SP1510H
MFR	ISO 1133 (190°C, 2.16kg)	g/10min	0.95
Density	ISO 1183	kg/m <sup>3</sup>	916

### Mechanical properties

Tensile stress at yield		MPa	-
Tensile stress at break	ISO 527-1	MPa	>18
Tensile elongation at break	ISO 527-2	%	>500
Flexural Modulus	ISO 178	MPa	240
Charpy impact strength	ISO 179-1	kJ/m <sup>2</sup>	NB
Shore D Hardness	ISO 868	-	55

### Chemical properties

E.S.C.R.	ASTM D1693	hr	>1000
----------	------------	----	-------

### Thermal properties

Vicat softening point	ISO 306	°C	98
Melting point	ISO 11357-3	°C	122

The information contained in this data sheet is subject to change without notice. It is recommended to confirm the latest information at the time of usage.

The information contained in this data sheet is representative values obtained by our own testing methods for your references. We do not provide any warranty about the accuracy or suitability thereof for any particular applications. WE MAKE NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE (ESPECIALLY, USE IN ANY MEDICAL APPLICATION).

Please contact us when you intend to use the products for medical-related application.