

# CENTRAL INSTITUTE OF PLASTICS ENGINEERING & TECHNOLOGY

(Ministry of Chemicals & Fertilizers, Govt. of India)

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## PLASTICS TESTING CENTRE

S. L. No. **1154**

### TEST CERTIFICATE

Issued to : **SYSTRANS POLYMERS PVT. LTD.** Test Report No. : **979**  
18/20, Industrial Area, Dated : 17.10.2002  
Site IV, Your Ref. No. : **DL/SPI/2K1-2K2/139/**  
**SAHIBABAD - 201 010** (U.P) Dated : 13.09.2002  
Sample Details : "SPICELL" Black colour Cross Linked Polyethylene (XLPE)  
(as stated by the Party)  
Test Condition :

### TEST RESULT

Sr. No.	Property	Unit	Test Value	Test Method
1	Density	kg/m <sup>3</sup>	57.7	ASTM D 3575
2	Tensile Strength at Break	kg/cm <sup>2</sup>	13	
	Elongation at Break	%	120 <i>31.2/26</i>	
3	Tear Strength	kg/cm	6.3	
4	Compression Set (@25%)	%	11.8 <i>31.2/26</i>	
5	Water Absorption	Kg/ m <sup>2</sup>	0.8	
6	Resistance to Heat @100°C/1 hr.			As per party's requirement
	Linear Dimension Change (Working temp)	%	8.0	

*[Signature]*  
17/10  
**Authorised Signatory**

**Note :**

1. Results stated above related only to the items tested.
2. The test certificate shall not be reproduced except in full without the written approval of the laboratory.