

## TWISTED SAPPHIRE SPECIFICATION - DOM

<b>Constrn</b>	<b>Nom dia in mm</b>	<b>Runnage m/kg</b>	<b>B.Strength Kgf</b>	<b>B.Length m</b>
<b>280X1X3</b>		<b>10235</b>	<b>4.5</b>	<b>46058</b>
<b>280X2X3</b>	<b>0.5</b>	<b>5035</b>	<b>9</b>	<b>45315</b>
<b>280X3X3</b>	<b>0.75</b>	<b>3320</b>	<b>14</b>	<b>46480</b>
<b>280X4X3</b>	<b>0.85</b>	<b>2460</b>	<b>19</b>	<b>46740</b>
<b>280X5X3</b>	<b>1</b>	<b>1970</b>	<b>23</b>	<b>44325</b>
<b>280X6X3</b>	<b>1.25</b>	<b>1640</b>	<b>27</b>	<b>44280</b>
<b>280X7X3</b>		<b>1405</b>	<b>30</b>	<b>42150</b>
<b>280X8X3</b>	<b>1.5</b>	<b>1230</b>	<b>34</b>	<b>41820</b>
<b>280X9X3</b>		<b>1095</b>	<b>39</b>	<b>42705</b>
<b>280X10X3</b>	<b>1.75</b>	<b>975</b>	<b>43</b>	<b>41925</b>
<b>280x11x3</b>		<b>875</b>	<b>47</b>	<b>41125</b>
<b>280x12x3</b>	<b>2</b>	<b>810</b>	<b>51</b>	<b>41310</b>
<b>280x13x3</b>		<b>750</b>	<b>53</b>	<b>39750</b>
<b>280x15x3</b>		<b>650</b>	<b>60</b>	<b>39000</b>
<b>280x16x3</b>		<b>610</b>	<b>63</b>	<b>38430</b>
<b>280x18x3</b>		<b>535</b>	<b>70</b>	<b>37450</b>
<b>280x21x3</b>	<b>2.5</b>	<b>460</b>	<b>81</b>	<b>37260</b>
<b>280x24x3</b>		<b>400</b>	<b>92</b>	<b>36800</b>

<b>280x28x3</b>		<b>345</b>	<b>104</b>	<b>35880</b>
<b>280x40x3</b>		<b>235</b>	<b>142</b>	<b>33370</b>

**EXTRUSION CRITERIA :**

**Basic Denier : 280 D mono (+/- 7%)**

**Colour : Sapphire Blue + Yellow tracer yarn**

**Tracer Yarn distribution in One Strand (refer next sheet) , 2 strand 1**

**Tenacity : 7 gpd (minimum ) for mono , 6.8 gpd (minimum) for 2 jt &**

**% Elongation : 21% average (+/- 1%)**

**Raw Material : As per Sapphire Braided Twine**

**Criteria for Acceptance :**

**Runnage +/- 7 %**

**KBL : -5%**

**(S. RAVISHANKAR)**

**PREPARED BY**

# ESTIC 280 D

revision no : 02

08.11.2004

KBS Kgf	KBL in m
7	71645
12.5	62938
19	63080
26	63960
31	61070
36	59040
42	59010
47	57810
52	56940
60	58500
66	57750
71	57510
76	57000
86	55900
92	56120
103	55105
120	55200
135	54000

<b>155</b>	<b>53475</b>
<b>220</b>	<b>51700</b>

**100% Sapphire Blue  
& 6.3 gpd(minimum) for 3 jt**

**(S.V.RAUT)  
APPROVED BY**