

## DATA SHEET

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### hy-vin<sup>®</sup> XB80832 (formerly EC 752 U)

**Description** Tin stabilised Medium impact, blow moulding compound.

**Colour** Clear.

**Application** Bottles and containers.

**Characteristics** Raw materials used are listed in EU Directive 2011/10/EC on plastic materials and articles intended to come into contact with food and are also listed in the Title 21 Chapter 1 of the US Code of Federal Regulations, Food and Drug Administration.

**Form** Pellet.

#### PROPERTIES

(These values do not form part of a specification)

#### UNITS

#### TYPICAL RESULTS

(Based on B.S. 2782)

<b>S.G.</b>	kg/m <sup>3</sup>	1328 (Clear781)
<b>Heat Stability 180°C</b>	mins	175
<b>Tensile Strength</b>	MPa	35
<b>Softening Point</b>	°C	70
<b>Shrinkage</b>	%	0.3 - 0.5

#### PROCESSING CONDITIONS

Customers are recommended to determine optimum conditions for themselves as these will vary depending on the particular tool and machine being used. As a general guide the following conditions have proved satisfactory:

<b>Barrel Temperature °C</b>	<b>Zone 1</b>	<b>Zone 2</b>	<b>Zone 3</b>	<b>Nozzle</b>
	160	165	170	175

**Issue 2**

**7<sup>th</sup> July 2016**

INEOS Newton Aycliffe Limited  
Registered in England No. 01631120  
Registered Office:  
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