



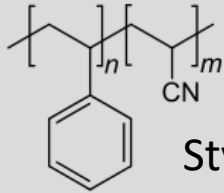
available in colors



food approved



„First choice for compounds“



Styrol-Acrylnitril

SAXASAN™



good flow



good impact

Eigenschaften/ properties	norm	unit	condition
Zugfestigkeit - Tensile Strength	ISO 527-1	N/mm ²	
Bruchdehnung - Strain at Break	ISO 527-1	%	
Zugmodul - Tensile Modulus	ISO 527-1	N/mm ²	
IZOD Schlagzähigkeit 23°C - Impact Strength	ISO 180/1U	KJ/m ²	50% rel.H.
IZOD Schlagzähigkeit -30°C - Impact Strength	ISO 180/1U	KJ/m ²	
IZOD Kerbschlagzähigkeit 23°C - Notched Impact Strength	ISO 180/1A	KJ/m ²	50% rel.H.
IZOD Kerbschlagzähigkeit -30°C - Notched Impact Strength	ISO 180/1A	KJ/m ²	
CHARPY Schlagzähigkeit 23°C - Impact Strength	ISO 179/1eU	KJ/m ²	50% rel.H.
CHARPY Schlagzähigkeit -30°C - Impact Strength	ISO 179/1eU	KJ/m ²	
CHARPY Kerbschlagzähigkeit 23°C - Notched Impact Strength	ISO 179/1eA	KJ/m ²	50% rel.H.
CHARPY Kerbschlagzähigkeit -30°C - Notched Impact Strength	ISO 179/1eA	KJ/m ²	
Vicat 50B	ISO 306	°C	
HDT B 1,8 Mpa T _{FF}	ISO 75-1 A	°C	80°10*4 s=60mm
MVR - Melt volume rate	ISO 1033	cm ³ /10min	220°C/10kg
Verarbeitungsschwindung - Mold shrinkage			
Dichte - Density			
Restfeuchte - Moisture Content	internal	%	
Lebensmittelkontakt - Foodcontact			

Verarbeitungshinweise – Processing requirements

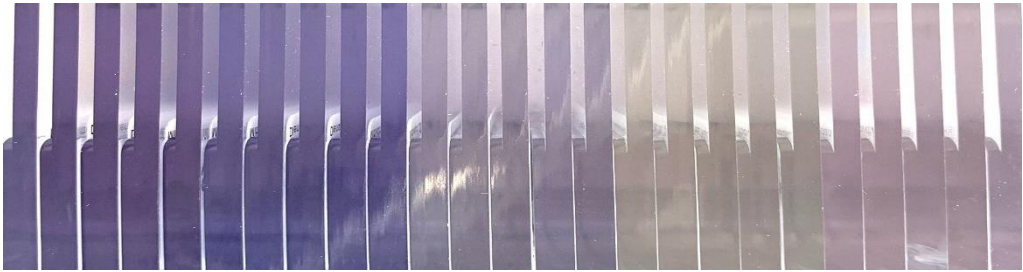
Vortrocknung - Pre Drying		°C	2-4h
Empfohlene Massetemperatur - Melt Temperature		°C	
Empfohlene Werkzeugtemperatur - Mold Temperature		°C	

SAXASAN™ 2110	SAXASAN™ 2121	SAXASAN™ 2124	SAXASAN™ 2125	SAXASAN™ 2150
72	64	67	61	62
4.5	4.5	4.5	4.5	4.5
3400	3300	3300	3200	3200
13	13	13	13	13
12	12	12	12	12
1.5	1.5	1.5	1.5	1.5
2	1	1	1	1
16	16	16	16	16
15	15	15	15	15
2	2	2	2	2
1	1	1	1	1
107	108	107	107	107
93	90	91	89	90
10	21	24	25	50
0.2 - 0.6	0.2 - 0.6	0.2 - 0.6	0.2 - 0.6	0.2 - 0.6
1.07	1.07	1.07	1.07	1.07
<0.3	<0.3	<0.3	<0.3	<0.3
suitable for FDA, EU 10/2011, China (for more details, please request the detailed foodcontact-declaration)				

75-85	75-85	75-85	75-85	75-85
190-220	190-220	190-220	190-220	190-220
40-80	40-80	40-80	40-80	40-80

Please find further technical information on our homepage: <https://www.saxpolymers.com/en/produkte/saxasan>

Disclaimer: All above information is given to the best of our knowledge, but without guarantee, warranty or liability of any kind, either implicit or explicit. All statements concerning possible applications are non-binding, as the actual use is within the exclusive sphere of influence of the processor. Furthermore, the processor may not assume that safety measures are indicated here or that no other precautions are necessary.

Eigenschaften/ <i>properties</i>	norm	unit	condition	SAXASAN™ 2110	SAXASAN™ 2121	SAXASAN™ 2124	SAXASAN™ 2125	SAXASAN™ 2150
Gelbwert - <i>Yellowness-Index</i>	ISO 17223:2014	YI		-3.5	-3.8	-0.8	1.1	0.9
<hr/>								
Gegentypen - <i>countertypes</i>				TYRIL 867 E Luran 368R	-	TYRIL 790 SAN Polyman 29/10 SAN Kibisan PN-107	-	-
Anwendungen - <i>application</i>				Household products	Food Containers	Watertanks	Pitcher Hanger	Containers cosmetic goods

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